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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 20.9                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.86                    | 19.82                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 19.70                 | 19.67                    | 19.77                  | 20.9                |
| 50              | PI/2 BPSK  | 1       | 268       | 19.63                 | 19.72                    | 19.79                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 19.68                 | 19.77                    | 19.76                  | 20.9                |
| 50              | PI/2 BPSK  | 135     | 68        | 19.76                 | 19.83                    | 19.79                  | 20.9                |
| 50              | PI/2 BPSK  | 135     | 135       | 19.73                 | 19.81                    | 19.77                  | 20.9                |
| 50              | PI/2 BPSK  | 270     | 0         | 19.75                 | 19.78                    | 19.76                  |                     |
| 50              | QPSK       | 1       | 1         | 19.67                 | 19.78                    | 19.63                  | 20.9                |
| 50              | QPSK       | 1       | 135       | 19.71                 | 19.71                    | 19.68                  |                     |
| 50              | QPSK       | 1       | 268       | 19.74                 | 19.69                    | 19.76                  |                     |
| 50              | QPSK       | 135     | 0         | 19.70                 | 19.71                    | 19.73                  | 20.9                |
| 50              | QPSK       | 135     | 68        | 19.64                 | 19.65                    | 19.71                  | 20.9                |
| 50              | QPSK       | 135     | 135       | 19.83                 | 19.82                    | 19.78                  | 20.9                |
| 50              | QPSK       | 270     | 0         | 19.80                 | 19.78                    | 19.82                  |                     |
| 50              | 16QAM      | 1       | 1         | 19.66                 | 19.78                    | 19.74                  | 20.9                |
| 50              | 64QAM      | 1       | 1         | 19.81                 | 19.65                    | 19.78                  | 20.9                |
| 50              | 256QAM     | 1       | 1         | 19.32                 | 19.36                    | 19.30                  | 20.6                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 20.9                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.80                    | 19.71                  | 20.9                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 20.9                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.70                    | 19.78                  | 20.9                |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 20.9                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.78                    | 19.76                  | 20.9                |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 20.9                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.64                    | 19.79                  | 20.9                |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 20.9                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.78                    | 19.63                  | 20.9                |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 20.9                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.69                    | 19.72                  | 20.9                |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 20.9                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.76                    | 19.74                  | 20.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.32                 | 20.40                    | 20.28                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 20.14                 | 20.22                    | 20.16                  | 21.9                |
| 50              | PI/2 BPSK  | 1       | 268       | 20.26                 | 20.32                    | 20.23                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 20.21                 | 20.25                    | 20.22                  | 21.9                |
| 50              | PI/2 BPSK  | 135     | 68        | 20.26                 | 20.33                    | 20.24                  | 21.9                |
| 50              | PI/2 BPSK  | 135     | 135       | 20.24                 | 20.16                    | 20.19                  | 21.9                |
| 50              | PI/2 BPSK  | 270     | 0         | 20.14                 | 20.35                    | 20.26                  |                     |
| 50              | QPSK       | 1       | 1         | 20.19                 | 20.21                    | 20.19                  | 21.9                |
| 50              | QPSK       | 1       | 135       | 20.24                 | 20.32                    | 20.13                  |                     |
| 50              | QPSK       | 1       | 268       | 20.21                 | 20.27                    | 20.13                  |                     |
| 50              | QPSK       | 135     | 0         | 20.27                 | 20.32                    | 20.12                  | 21.9                |
| 50              | QPSK       | 135     | 68        | 20.27                 | 20.32                    | 20.16                  | 21.9                |
| 50              | QPSK       | 135     | 135       | 20.19                 | 20.25                    | 20.21                  | 21.9                |
| 50              | QPSK       | 270     | 0         | 20.30                 | 20.24                    | 20.20                  |                     |
| 50              | 16QAM      | 1       | 1         | 20.29                 | 20.28                    | 20.24                  | 21.9                |
| 50              | 64QAM      | 1       | 1         | 20.20                 | 20.22                    | 20.14                  | 21.9                |
| 50              | 256QAM     | 1       | 1         | 19.36                 | 19.32                    | 19.27                  | 20.6                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.32                    | 20.17                  | 21.9                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.33                    | 20.17                  | 21.9                |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 21.9                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.32                    | 20.23                  | 21.9                |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.32                    | 20.19                  | 21.9                |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 21.9                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.22                    | 20.28                  | 21.9                |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 21.9                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.28                    | 20.10                  | 21.9                |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 21.9                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.26                    | 20.26                  | 21.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 20.1                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.86                    | 19.82                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 19.70                 | 19.67                    | 19.77                  | 20.1                |
| 50              | PI/2 BPSK  | 1       | 268       | 19.63                 | 19.72                    | 19.79                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 19.68                 | 19.77                    | 19.76                  | 20.1                |
| 50              | PI/2 BPSK  | 135     | 68        | 19.76                 | 19.83                    | 19.79                  | 20.1                |
| 50              | PI/2 BPSK  | 135     | 135       | 19.73                 | 19.81                    | 19.77                  | 20.1                |
| 50              | PI/2 BPSK  | 270     | 0         | 19.75                 | 19.78                    | 19.76                  |                     |
| 50              | QPSK       | 1       | 1         | 19.67                 | 19.78                    | 19.63                  | 20.1                |
| 50              | QPSK       | 1       | 135       | 19.71                 | 19.71                    | 19.68                  |                     |
| 50              | QPSK       | 1       | 268       | 19.74                 | 19.69                    | 19.76                  |                     |
| 50              | QPSK       | 135     | 0         | 19.70                 | 19.71                    | 19.73                  | 20.1                |
| 50              | QPSK       | 135     | 68        | 19.64                 | 19.65                    | 19.71                  | 20.1                |
| 50              | QPSK       | 135     | 135       | 19.83                 | 19.82                    | 19.78                  | 20.1                |
| 50              | QPSK       | 270     | 0         | 19.80                 | 19.78                    | 19.82                  |                     |
| 50              | 16QAM      | 1       | 1         | 19.66                 | 19.78                    | 19.74                  | 20.1                |
| 50              | 64QAM      | 1       | 1         | 19.81                 | 19.65                    | 19.78                  | 20.1                |
| 50              | 256QAM     | 1       | 1         | 19.32                 | 19.36                    | 19.30                  | 20.1                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.80                    | 19.71                  | 20.1                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.83                 | 19.70                    | 19.78                  | 20.1                |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.78                    | 19.76                  | 20.1                |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.64                    | 19.79                  | 20.1                |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.78                    | 19.63                  | 20.1                |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.69                    | 19.72                  | 20.1                |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.76                    | 19.74                  | 20.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 505000                | 507000                   | 509000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2525                  | 2535                     | 2545                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.32                 | 20.40                    | 20.28                  |                     |
| 50              | PI/2 BPSK  | 1       | 135       | 20.14                 | 20.22                    | 20.16                  | 21.1                |
| 50              | PI/2 BPSK  | 1       | 268       | 20.26                 | 20.32                    | 20.23                  |                     |
| 50              | PI/2 BPSK  | 135     | 0         | 20.21                 | 20.25                    | 20.22                  | 21.1                |
| 50              | PI/2 BPSK  | 135     | 68        | 20.26                 | 20.33                    | 20.24                  | 21.1                |
| 50              | PI/2 BPSK  | 135     | 135       | 20.24                 | 20.16                    | 20.19                  | 21.1                |
| 50              | PI/2 BPSK  | 270     | 0         | 20.14                 | 20.35                    | 20.26                  |                     |
| 50              | QPSK       | 1       | 1         | 20.19                 | 20.21                    | 20.19                  | 21.1                |
| 50              | QPSK       | 1       | 135       | 20.24                 | 20.32                    | 20.13                  |                     |
| 50              | QPSK       | 1       | 268       | 20.21                 | 20.27                    | 20.13                  |                     |
| 50              | QPSK       | 135     | 0         | 20.27                 | 20.32                    | 20.12                  | 21.1                |
| 50              | QPSK       | 135     | 68        | 20.27                 | 20.32                    | 20.16                  | 21.1                |
| 50              | QPSK       | 135     | 135       | 20.19                 | 20.25                    | 20.21                  | 21.1                |
| 50              | QPSK       | 270     | 0         | 20.30                 | 20.24                    | 20.20                  |                     |
| 50              | 16QAM      | 1       | 1         | 20.29                 | 20.28                    | 20.24                  | 21.1                |
| 50              | 64QAM      | 1       | 1         | 20.20                 | 20.22                    | 20.14                  | 21.1                |
| 50              | 256QAM     | 1       | 1         | 19.36                 | 19.32                    | 19.27                  | 20.6                |
| Channel         |            |         |           | 504000                | 507000                   | 510000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2520                  | 2535                     | 2550                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.32                    | 20.17                  | 21.1                |
| Channel         |            |         |           | 503000                | 507000                   | 511000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2515                  | 2535                     | 2555                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.33                    | 20.17                  | 21.1                |
| Channel         |            |         |           | 502500                | 507000                   | 511500                 | 21.1                |
| Frequency (MHz) |            |         |           | 2512.5                | 2535                     | 2557.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.32                    | 20.23                  | 21.1                |
| Channel         |            |         |           | 502000                | 507000                   | 512000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2510                  | 2535                     | 2560                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.32                    | 20.19                  | 21.1                |
| Channel         |            |         |           | 501500                | 507000                   | 512500                 | 21.1                |
| Frequency (MHz) |            |         |           | 2507.5                | 2535                     | 2562.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.22                    | 20.28                  | 21.1                |
| Channel         |            |         |           | 501000                | 507000                   | 513000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2505                  | 2535                     | 2565                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.28                    | 20.10                  | 21.1                |
| Channel         |            |         |           | 500500                | 507000                   | 513500                 | 21.1                |
| Frequency (MHz) |            |         |           | 2502.5                | 2535                     | 2567.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.26                    | 20.26                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.24                    | 24.22                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.96                 | 24.08                    | 24.04                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 24.03                 | 24.13                    | 24.03                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.64                 | 23.70                    | 23.65                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 24.06                 | 24.17                    | 24.08                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.59                 | 23.73                    | 23.67                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.61                 | 23.66                    | 23.54                  |                     |
| 15              | QPSK       | 1       | 1         | 24.18                 | 24.23                    | 24.11                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 24.00                 | 24.12                    | 24.01                  |                     |
| 15              | QPSK       | 1       | 77        | 24.10                 | 24.16                    | 24.08                  |                     |
| 15              | QPSK       | 36      | 0         | 23.09                 | 23.19                    | 23.09                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 24.08                 | 24.16                    | 24.11                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 23.16                 | 23.22                    | 23.18                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 23.10                 | 23.17                    | 23.08                  |                     |
| 15              | 16QAM      | 1       | 1         | 23.10                 | 23.24                    | 23.19                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.51                 | 21.63                    | 21.58                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.57                 | 19.67                    | 19.63                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.23                    | 24.11                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.07                    | 24.22                  | 25.7                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.07                 | 22.13                    | 22.10                  | 22.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 21.89                 | 21.93                    | 22.07                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 21.96                 | 21.98                    | 22.10                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 22.04                 | 22.09                    | 22.05                  | 22.7                |
| 15              | PI/2 BPSK  | 36      | 22        | 21.92                 | 22.06                    | 22.02                  | 22.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 21.96                 | 22.01                    | 21.93                  | 22.7                |
| 15              | PI/2 BPSK  | 75      | 0         | 21.93                 | 21.98                    | 21.95                  |                     |
| 15              | QPSK       | 1       | 1         | 21.99                 | 22.02                    | 21.92                  | 22.7                |
| 15              | QPSK       | 1       | 40        | 22.01                 | 22.04                    | 22.00                  |                     |
| 15              | QPSK       | 1       | 77        | 21.99                 | 22.06                    | 22.06                  |                     |
| 15              | QPSK       | 36      | 0         | 21.98                 | 21.96                    | 22.02                  | 22.7                |
| 15              | QPSK       | 36      | 22        | 21.90                 | 21.93                    | 21.98                  | 22.7                |
| 15              | QPSK       | 36      | 43        | 21.91                 | 22.07                    | 21.91                  | 22.7                |
| 15              | QPSK       | 75      | 0         | 21.93                 | 22.11                    | 21.90                  |                     |
| 15              | 16QAM      | 1       | 1         | 21.89                 | 22.12                    | 21.92                  | 22.7                |
| 15              | 64QAM      | 1       | 1         | 21.30                 | 21.35                    | 21.28                  | 22.7                |
|                 | 256QAM     | 1       | 1         | 19.41                 | 19.45                    | 19.48                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.94                 | 21.98                    | 21.99                  | 22.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.92                 | 22.04                    | 22.06                  | 22.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.24                    | 24.22                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.96                 | 24.08                    | 24.04                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 24.03                 | 24.13                    | 24.03                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.64                 | 23.70                    | 23.65                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 24.06                 | 24.17                    | 24.08                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.59                 | 23.73                    | 23.67                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.61                 | 23.66                    | 23.54                  |                     |
| 15              | QPSK       | 1       | 1         | 24.18                 | 24.23                    | 24.11                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 24.00                 | 24.12                    | 24.01                  |                     |
| 15              | QPSK       | 1       | 77        | 24.10                 | 24.16                    | 24.08                  |                     |
| 15              | QPSK       | 36      | 0         | 23.09                 | 23.19                    | 23.09                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 24.08                 | 24.16                    | 24.11                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 23.16                 | 23.22                    | 23.18                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 23.10                 | 23.17                    | 23.08                  |                     |
| 15              | 16QAM      | 1       | 1         | 23.10                 | 23.24                    | 23.19                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.51                 | 21.63                    | 21.58                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.57                 | 19.67                    | 19.63                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.23                    | 24.11                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.07                    | 24.22                  | 25.7                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.94                 | 23.96                    | 23.99                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.84                 | 23.74                    | 23.77                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 23.78                 | 23.80                    | 23.80                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.30                 | 23.35                    | 23.36                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 23.79                 | 23.86                    | 23.87                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.36                 | 23.40                    | 23.38                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.23                 | 23.33                    | 23.28                  |                     |
| 15              | QPSK       | 1       | 1         | 23.84                 | 23.89                    | 23.90                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 23.86                 | 23.76                    | 23.89                  |                     |
| 15              | QPSK       | 1       | 77        | 23.79                 | 23.82                    | 23.85                  |                     |
| 15              | QPSK       | 36      | 0         | 22.82                 | 22.86                    | 22.84                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 23.73                 | 23.85                    | 23.87                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 22.82                 | 22.90                    | 22.92                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 22.80                 | 22.87                    | 22.80                  |                     |
| 15              | 16QAM      | 1       | 1         | 22.75                 | 22.84                    | 22.84                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.24                 | 21.34                    | 21.29                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.21                 | 19.32                    | 19.31                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.93                 | 23.80                    | 23.90                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.91                    | 23.87                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.24                    | 24.22                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.96                 | 24.08                    | 24.04                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 24.03                 | 24.13                    | 24.03                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.64                 | 23.70                    | 23.65                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 24.06                 | 24.17                    | 24.08                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.59                 | 23.73                    | 23.67                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.61                 | 23.66                    | 23.54                  |                     |
| 15              | QPSK       | 1       | 1         | 24.18                 | 24.23                    | 24.11                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 24.00                 | 24.12                    | 24.01                  |                     |
| 15              | QPSK       | 1       | 77        | 24.10                 | 24.16                    | 24.08                  |                     |
| 15              | QPSK       | 36      | 0         | 23.09                 | 23.19                    | 23.09                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 24.08                 | 24.16                    | 24.11                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 23.16                 | 23.22                    | 23.18                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 23.10                 | 23.17                    | 23.08                  |                     |
| 15              | 16QAM      | 1       | 1         | 23.10                 | 23.24                    | 23.19                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.51                 | 21.63                    | 21.58                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.57                 | 19.67                    | 19.63                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.23                    | 24.11                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.07                    | 24.22                  | 25.7                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.94                 | 23.96                    | 23.99                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.84                 | 23.74                    | 23.77                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 23.78                 | 23.80                    | 23.80                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.30                 | 23.35                    | 23.36                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 23.79                 | 23.86                    | 23.87                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.36                 | 23.40                    | 23.38                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.23                 | 23.33                    | 23.28                  |                     |
| 15              | QPSK       | 1       | 1         | 23.84                 | 23.89                    | 23.90                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 23.86                 | 23.76                    | 23.89                  |                     |
| 15              | QPSK       | 1       | 77        | 23.79                 | 23.82                    | 23.85                  |                     |
| 15              | QPSK       | 36      | 0         | 22.82                 | 22.86                    | 22.84                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 23.73                 | 23.85                    | 23.87                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 22.82                 | 22.90                    | 22.92                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 22.80                 | 22.87                    | 22.80                  |                     |
| 15              | 16QAM      | 1       | 1         | 22.75                 | 22.84                    | 22.84                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.24                 | 21.34                    | 21.29                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.21                 | 19.32                    | 19.31                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.93                 | 23.80                    | 23.90                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.91                    | 23.87                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.24                    | 24.22                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.96                 | 24.08                    | 24.04                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 24.03                 | 24.13                    | 24.03                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.64                 | 23.70                    | 23.65                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 24.06                 | 24.17                    | 24.08                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.59                 | 23.73                    | 23.67                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.61                 | 23.66                    | 23.54                  |                     |
| 15              | QPSK       | 1       | 1         | 24.18                 | 24.23                    | 24.11                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 24.00                 | 24.12                    | 24.01                  |                     |
| 15              | QPSK       | 1       | 77        | 24.10                 | 24.16                    | 24.08                  |                     |
| 15              | QPSK       | 36      | 0         | 23.09                 | 23.19                    | 23.09                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 24.08                 | 24.16                    | 24.11                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 23.16                 | 23.22                    | 23.18                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 23.10                 | 23.17                    | 23.08                  |                     |
| 15              | 16QAM      | 1       | 1         | 23.10                 | 23.24                    | 23.19                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.51                 | 21.63                    | 21.58                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.57                 | 19.67                    | 19.63                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.23                    | 24.11                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.07                    | 24.22                  | 25.7                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 141300                | 141500                   | 141700                 |                     |
| Frequency (MHz) |            |         |           | 706.5                 | 707.5                    | 708.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.94                 | 23.96                    | 23.99                  | 25.7                |
| 15              | PI/2 BPSK  | 1       | 40        | 23.84                 | 23.74                    | 23.77                  |                     |
| 15              | PI/2 BPSK  | 1       | 77        | 23.78                 | 23.80                    | 23.80                  |                     |
| 15              | PI/2 BPSK  | 36      | 0         | 23.30                 | 23.35                    | 23.36                  | 25.2                |
| 15              | PI/2 BPSK  | 36      | 22        | 23.79                 | 23.86                    | 23.87                  | 25.7                |
| 15              | PI/2 BPSK  | 36      | 43        | 23.36                 | 23.40                    | 23.38                  | 25.2                |
| 15              | PI/2 BPSK  | 75      | 0         | 23.23                 | 23.33                    | 23.28                  |                     |
| 15              | QPSK       | 1       | 1         | 23.84                 | 23.89                    | 23.90                  | 25.7                |
| 15              | QPSK       | 1       | 40        | 23.86                 | 23.76                    | 23.89                  |                     |
| 15              | QPSK       | 1       | 77        | 23.79                 | 23.82                    | 23.85                  |                     |
| 15              | QPSK       | 36      | 0         | 22.82                 | 22.86                    | 22.84                  | 24.7                |
| 15              | QPSK       | 36      | 22        | 23.73                 | 23.85                    | 23.87                  | 25.7                |
| 15              | QPSK       | 36      | 43        | 22.82                 | 22.90                    | 22.92                  | 24.7                |
| 15              | QPSK       | 75      | 0         | 22.80                 | 22.87                    | 22.80                  |                     |
| 15              | 16QAM      | 1       | 1         | 22.75                 | 22.84                    | 22.84                  | 24.7                |
| 15              | 64QAM      | 1       | 1         | 21.24                 | 21.34                    | 21.29                  | 23.2                |
|                 | 256QAM     | 1       | 1         | 19.21                 | 19.32                    | 19.31                  | 21.2                |
| Channel         |            |         |           | 140800                | 141500                   | 142200                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 704                   | 707.5                    | 711                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.93                 | 23.80                    | 23.90                  | 25.7                |
| Channel         |            |         |           | 140300                | 141500                   | 142700                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 701.5                 | 707.5                    | 713.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.91                    | 23.87                  | 25.7                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.29                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.00                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.69                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.25                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.73                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.71                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.25                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.23                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.22                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 23.21                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.16                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.12                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.13                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.15                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.85                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.74                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.20                    | 24.18                  | 25.7                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 24.1                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.96                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.96                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 22.93                    |                        | 24.1                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.89                    |                        | 24.1                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 22.83                    |                        | 24.1                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 22.90                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.96                    |                        | 24.1                |
| 10              | QPSK       | 1       | 26        |                       | 22.85                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.88                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 22.92                    |                        | 24.1                |
| 10              | QPSK       | 25      | 14        |                       | 22.86                    |                        | 24.1                |
| 10              | QPSK       | 25      | 27        |                       | 22.95                    |                        | 24.1                |
| 10              | QPSK       | 50      | 0         |                       | 22.88                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 22.93                    |                        | 24.1                |
| 10              | 64QAM      | 1       | 1         |                       | 21.70                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.74                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.91                    | 22.79                  | 24.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.29                    |                        | 25.4                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.00                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.69                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.25                    |                        | 25.4                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.73                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.71                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.25                    |                        | 25.4                |
| 10              | QPSK       | 1       | 26        |                       | 24.23                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.22                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 23.21                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.16                    |                        | 25.4                |
| 10              | QPSK       | 25      | 27        |                       | 23.12                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.13                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.15                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.85                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.74                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.20                    | 24.18                  | 25.4                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.25                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.21                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 23.98                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.54                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.08                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.56                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.63                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.04                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.05                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 24.02                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.03                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.99                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.14                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 24.00                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.67                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.19                 | 23.77                    | 23.85                  | 25.7                |



**<FR1 n14\_Ant 0\_Index 10>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.29                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.00                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.69                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.25                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.73                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.71                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.25                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.23                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.22                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 23.21                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.16                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.12                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.13                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.15                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.85                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.74                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.20                    | 24.18                  | 25.7                |

**<FR1 n14\_Ant 1\_Index 10>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.25                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.21                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 23.98                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.54                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.08                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.56                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.63                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.04                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.05                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 24.02                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.03                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.99                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.14                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 24.00                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.67                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.19                 | 23.77                    | 23.85                  | 25.7                |



**<FR1 n14\_Ant 0\_Index 11>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.29                    |                        | 25.4                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.08                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 24.00                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.69                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.25                    |                        | 25.4                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.73                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.71                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.25                    |                        | 25.4                |
| 10              | QPSK       | 1       | 26        |                       | 24.23                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.22                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 23.21                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.16                    |                        | 25.4                |
| 10              | QPSK       | 25      | 27        |                       | 23.12                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.13                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 23.15                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.85                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.74                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.20                    | 24.18                  | 25.4                |

**<FR1 n14\_Ant 1\_Index 11>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 158600                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 793                      |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 24.25                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 24.21                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 23.98                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 23.54                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 24.08                    |                        | 25.7                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 23.56                    |                        | 25.2                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 23.63                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.7                |
| 10              | QPSK       | 1       | 26        |                       | 24.04                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 24.05                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 24.02                    |                        | 24.7                |
| 10              | QPSK       | 25      | 14        |                       | 24.03                    |                        | 25.7                |
| 10              | QPSK       | 25      | 27        |                       | 23.99                    |                        | 24.7                |
| 10              | QPSK       | 50      | 0         |                       | 23.14                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 24.00                    |                        | 24.7                |
| 10              | 64QAM      | 1       | 1         |                       | 21.67                    |                        | 23.2                |
| 10              | 256QAM     | 1       | 1         |                       | 19.65                    |                        | 21.2                |
| Channel         |            |         |           | 158100                | 158600                   | 159100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 790.5                 | 793                      | 795.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.19                 | 23.77                    | 23.85                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.20                    | 24.12                  | 25.3                |
| 40              | PI/2 BPSK  | 1       | 108       | 24.09                 | 24.19                    | 24.04                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 23.90                 | 23.92                    | 23.80                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.58                 | 23.61                    | 23.45                  | 24.8                |
| 40              | PI/2 BPSK  | 108     | 54        | 23.95                 | 24.02                    | 23.91                  | 25.3                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.51                 | 23.53                    | 23.42                  | 24.8                |
| 40              | PI/2 BPSK  | 216     | 0         | 23.35                 | 23.47                    | 23.29                  |                     |
| 40              | QPSK       | 1       | 1         | 23.88                 | 23.98                    | 23.83                  | 25.3                |
| 40              | QPSK       | 1       | 108       | 23.86                 | 23.95                    | 23.87                  |                     |
| 40              | QPSK       | 1       | 214       | 23.87                 | 23.91                    | 23.74                  |                     |
| 40              | QPSK       | 108     | 0         | 22.89                 | 22.92                    | 22.83                  | 24.3                |
| 40              | QPSK       | 108     | 54        | 23.84                 | 23.96                    | 23.84                  | 25.3                |
| 40              | QPSK       | 108     | 108       | 22.84                 | 22.93                    | 22.83                  | 24.3                |
| 40              | QPSK       | 216     | 0         | 22.86                 | 22.94                    | 22.82                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.01                 | 23.04                    | 22.91                  | 24.3                |
| 40              | 64QAM      | 1       | 1         | 21.42                 | 21.53                    | 21.36                  | 22.8                |
| 40              | 256QAM     | 1       | 1         | 19.63                 | 19.73                    | 19.56                  | 20.8                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.11                    | 24.09                  | 25.3                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.07                 | 24.06                    | 23.99                  | 25.3                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.01                    | 24.00                  | 25.3                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.11                 | 24.03                    | 23.95                  | 25.3                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.11                    | 23.93                  | 25.3                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.13                    | 24.09                  | 25.3                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.05                    | 24.10                  | 25.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.11                 | 16.13                    | 16.07                  | 16.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 16.02                 | 16.06                    | 16.02                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 15.93                 | 15.97                    | 15.93                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 16.06                 | 16.09                    | 15.98                  | 16.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 16.03                 | 16.06                    | 15.95                  | 16.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 15.99                 | 16.09                    | 15.97                  | 16.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 16.09                 | 16.07                    | 16.05                  |                     |
| 40              | QPSK       | 1       | 1         | 16.09                 | 16.05                    | 16.07                  | 16.5                |
| 40              | QPSK       | 1       | 108       | 16.00                 | 15.97                    | 16.07                  |                     |
| 40              | QPSK       | 1       | 214       | 16.04                 | 16.12                    | 15.90                  |                     |
| 40              | QPSK       | 108     | 0         | 16.04                 | 15.98                    | 15.92                  | 16.5                |
| 40              | QPSK       | 108     | 54        | 16.04                 | 16.07                    | 15.99                  | 16.5                |
| 40              | QPSK       | 108     | 108       | 16.05                 | 15.98                    | 16.02                  | 16.5                |
| 40              | QPSK       | 216     | 0         | 15.91                 | 16.06                    | 15.98                  |                     |
| 40              | 16QAM      | 1       | 1         | 16.11                 | 16.07                    | 15.87                  | 16.5                |
| 40              | 64QAM      | 1       | 1         | 16.01                 | 16.02                    | 15.97                  | 16.5                |
| 40              | 256QAM     | 1       | 1         | 15.92                 | 16.00                    | 15.95                  | 16.5                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 15.95                 | 16.03                    | 15.91                  | 16.5                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.97                 | 16.06                    | 15.87                  | 16.5                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.04                 | 16.07                    | 16.00                  | 16.5                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.08                 | 16.12                    | 15.90                  | 16.5                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.95                 | 15.94                    | 16.01                  | 16.5                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.03                 | 15.95                    | 15.93                  | 16.5                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 16.01                 | 16.12                    | 15.96                  | 16.5                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 374000                | 376500                   | 379000                 |                     |       |       |      |
| Frequency (MHz) | 1870                  | 1882.5                   | 1895                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 24.00               | 23.90 | 23.81 | 25.3 |
| 40              | PI/2 BPSK             | 1                        | 108                    | 23.88               | 23.83 | 23.70 |      |
| 40              | PI/2 BPSK             | 1                        | 214                    | 23.88               | 23.82 | 23.70 |      |
| 40              | PI/2 BPSK             | 108                      | 0                      | 23.44               | 23.40 | 23.22 | 24.8 |
| 40              | PI/2 BPSK             | 108                      | 54                     | 23.90               | 23.88 | 23.73 | 25.3 |
| 40              | PI/2 BPSK             | 108                      | 108                    | 23.42               | 23.35 | 23.18 | 24.8 |
| 40              | PI/2 BPSK             | 216                      | 0                      | 23.46               | 23.37 | 23.19 |      |
| 40              | QPSK                  | 1                        | 1                      | 23.99               | 23.89 | 23.77 | 25.3 |
| 40              | QPSK                  | 1                        | 108                    | 23.88               | 23.84 | 23.74 |      |
| 40              | QPSK                  | 1                        | 214                    | 23.88               | 23.80 | 23.64 |      |
| 40              | QPSK                  | 108                      | 0                      | 22.93               | 22.83 | 22.69 | 24.3 |
| 40              | QPSK                  | 108                      | 54                     | 23.93               | 23.88 | 23.69 | 25.3 |
| 40              | QPSK                  | 108                      | 108                    | 22.89               | 22.86 | 22.75 | 24.3 |
| 40              | QPSK                  | 216                      | 0                      | 22.83               | 22.81 | 22.67 |      |
| 40              | 16QAM                 | 1                        | 1                      | 22.78               | 22.76 | 22.69 | 24.3 |
| 40              | 64QAM                 | 1                        | 1                      | 21.54               | 21.52 | 21.34 | 22.8 |
| 40              | 256QAM                | 1                        | 1                      | 19.64               | 19.61 | 19.45 | 20.8 |
| Channel         | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1867.5                | 1882.5                   | 1897.5                 |                     |       |       |      |
| 35              | PI/2 BPSK             | 1                        | 1                      | 23.89               | 23.82 | 23.67 | 25.3 |
| Channel         | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1865                  | 1882.5                   | 1900                   |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 23.96               | 23.88 | 23.78 | 25.3 |
| Channel         | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1862.5                | 1882.5                   | 1902.5                 |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 23.96               | 23.77 | 23.80 | 25.3 |
| Channel         | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1860                  | 1882.5                   | 1905                   |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 23.85               | 23.71 | 23.78 | 25.3 |
| Channel         | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1857.5                | 1882.5                   | 1907.5                 |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 23.99               | 23.78 | 23.62 | 25.3 |
| Channel         | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1855                  | 1882.5                   | 1910                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 23.83               | 23.80 | 23.75 | 25.3 |
| Channel         | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1852.5                | 1882.5                   | 1912.5                 |                     |       |       |      |
| 5               | PI/2 BPSK             | 1                        | 1                      | 23.96               | 23.78 | 23.67 | 25.3 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.52                 | 23.54                    | 23.43                  | 24.8                |
| 40              | PI/2 BPSK  | 1       | 108       | 23.39                 | 23.47                    | 23.30                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 23.37                 | 23.36                    | 23.35                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.85                 | 22.96                    | 22.85                  | 24.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 23.39                 | 23.51                    | 23.37                  | 24.8                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.08                 | 23.14                    | 23.02                  | 24.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 22.88                 | 22.90                    | 22.87                  |                     |
| 40              | QPSK       | 1       | 1         | 23.46                 | 23.52                    | 23.35                  | 24.8                |
| 40              | QPSK       | 1       | 108       | 23.47                 | 23.49                    | 23.35                  |                     |
| 40              | QPSK       | 1       | 214       | 23.39                 | 23.41                    | 23.30                  |                     |
| 40              | QPSK       | 108     | 0         | 22.45                 | 22.51                    | 22.34                  | 24.0                |
| 40              | QPSK       | 108     | 54        | 23.40                 | 23.42                    | 23.46                  | 24.8                |
| 40              | QPSK       | 108     | 108       | 22.49                 | 22.53                    | 22.40                  | 24.0                |
| 40              | QPSK       | 216     | 0         | 22.49                 | 22.51                    | 22.37                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.41                 | 22.33                    | 22.35                  | 24.0                |
| 40              | 64QAM      | 1       | 1         | 22.18                 | 22.29                    | 22.16                  | 22.5                |
| 40              | 256QAM     | 1       | 1         | 19.44                 | 19.53                    | 19.36                  | 20.5                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 23.36                 | 23.41                    | 23.30                  | 24.8                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.44                    | 23.37                  | 24.8                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.39                 | 23.45                    | 23.37                  | 24.8                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.38                 | 23.40                    | 23.31                  | 24.8                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.43                    | 23.38                  | 24.8                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.43                 | 23.45                    | 23.33                  | 24.8                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.35                 | 23.45                    | 23.43                  | 24.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.53                 | 17.60                    | 17.49                  | 17.7                |
| 40              | PI/2 BPSK  | 1       | 108       | 17.31                 | 17.49                    | 17.47                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 17.47                 | 17.37                    | 17.34                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 17.42                 | 17.42                    | 17.33                  | 17.7                |
| 40              | PI/2 BPSK  | 108     | 54        | 17.43                 | 17.46                    | 17.40                  | 17.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 17.41                 | 17.45                    | 17.36                  | 17.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 17.47                 | 17.48                    | 17.46                  |                     |
| 40              | QPSK       | 1       | 1         | 17.36                 | 17.48                    | 17.34                  | 17.7                |
| 40              | QPSK       | 1       | 108       | 17.42                 | 17.37                    | 17.43                  |                     |
| 40              | QPSK       | 1       | 214       | 17.40                 | 17.47                    | 17.35                  |                     |
| 40              | QPSK       | 108     | 0         | 17.33                 | 17.37                    | 17.29                  | 17.7                |
| 40              | QPSK       | 108     | 54        | 17.34                 | 17.49                    | 17.46                  | 17.7                |
| 40              | QPSK       | 108     | 108       | 17.37                 | 17.46                    | 17.48                  | 17.7                |
| 40              | QPSK       | 216     | 0         | 17.42                 | 17.48                    | 17.35                  |                     |
| 40              | 16QAM      | 1       | 1         | 17.47                 | 17.42                    | 17.44                  | 17.7                |
| 40              | 64QAM      | 1       | 1         | 17.33                 | 17.34                    | 17.30                  | 17.7                |
| 40              | 256QAM     | 1       | 1         | 17.46                 | 17.47                    | 17.29                  | 17.7                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 17.45                 | 17.45                    | 17.39                  | 17.7                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.56                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.44                 | 17.48                    | 17.43                  | 17.7                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.37                 | 17.45                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.42                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.42                    | 17.29                  | 17.7                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.45                    | 17.35                  | 17.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.11                 | 16.13                    | 16.07                  | 16.6                |
| 40              | PI/2 BPSK  | 1       | 108       | 16.02                 | 16.06                    | 16.02                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 15.93                 | 15.97                    | 15.93                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 16.06                 | 16.09                    | 15.98                  | 16.6                |
| 40              | PI/2 BPSK  | 108     | 54        | 16.03                 | 16.06                    | 15.95                  | 16.6                |
| 40              | PI/2 BPSK  | 108     | 108       | 15.99                 | 16.09                    | 15.97                  | 16.6                |
| 40              | PI/2 BPSK  | 216     | 0         | 16.09                 | 16.07                    | 16.05                  |                     |
| 40              | QPSK       | 1       | 1         | 16.09                 | 16.05                    | 16.07                  | 16.6                |
| 40              | QPSK       | 1       | 108       | 16.00                 | 15.97                    | 16.07                  |                     |
| 40              | QPSK       | 1       | 214       | 16.04                 | 16.12                    | 15.90                  |                     |
| 40              | QPSK       | 108     | 0         | 16.04                 | 15.98                    | 15.92                  | 16.6                |
| 40              | QPSK       | 108     | 54        | 16.04                 | 16.07                    | 15.99                  | 16.6                |
| 40              | QPSK       | 108     | 108       | 16.05                 | 15.98                    | 16.02                  | 16.6                |
| 40              | QPSK       | 216     | 0         | 15.91                 | 16.06                    | 15.98                  |                     |
| 40              | 16QAM      | 1       | 1         | 16.11                 | 16.07                    | 15.87                  | 16.6                |
| 40              | 64QAM      | 1       | 1         | 16.01                 | 16.02                    | 15.97                  | 16.6                |
| 40              | 256QAM     | 1       | 1         | 15.92                 | 16.00                    | 15.95                  | 16.6                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 15.95                 | 16.03                    | 15.91                  | 16.6                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.97                 | 16.06                    | 15.87                  | 16.6                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.04                 | 16.07                    | 16.00                  | 16.6                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.08                 | 16.12                    | 15.90                  | 16.6                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.95                 | 15.94                    | 16.01                  | 16.6                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.03                 | 15.95                    | 15.93                  | 16.6                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 16.01                 | 16.12                    | 15.96                  | 16.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.68                    | 19.60                  | 20.0                |
| 40              | PI/2 BPSK  | 1       | 108       | 19.59                 | 19.65                    | 19.54                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 19.52                 | 19.65                    | 19.41                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.52                 | 19.55                    | 19.47                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 54        | 19.57                 | 19.65                    | 19.58                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.48                 | 19.54                    | 19.54                  | 20.0                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.54                 | 19.66                    | 19.43                  |                     |
| 40              | QPSK       | 1       | 1         | 19.43                 | 19.49                    | 19.40                  | 20.0                |
| 40              | QPSK       | 1       | 108       | 19.47                 | 19.62                    | 19.48                  |                     |
| 40              | QPSK       | 1       | 214       | 19.62                 | 19.56                    | 19.59                  |                     |
| 40              | QPSK       | 108     | 0         | 19.50                 | 19.57                    | 19.50                  | 20.0                |
| 40              | QPSK       | 108     | 54        | 19.56                 | 19.57                    | 19.40                  | 20.0                |
| 40              | QPSK       | 108     | 108       | 19.44                 | 19.63                    | 19.40                  | 20.0                |
| 40              | QPSK       | 216     | 0         | 19.55                 | 19.57                    | 19.52                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.44                 | 19.66                    | 19.58                  | 20.0                |
| 40              | 64QAM      | 1       | 1         | 19.54                 | 19.52                    | 19.47                  | 20.0                |
| 40              | 256QAM     | 1       | 1         | 19.32                 | 19.35                    | 19.28                  | 20.0                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 19.48                 | 19.56                    | 19.47                  | 20.0                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.52                    | 19.41                  | 20.0                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.59                    | 19.60                  | 20.0                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.64                    | 19.53                  | 20.0                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.61                    | 19.42                  | 20.0                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.66                    | 19.55                  | 20.0                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.54                    | 19.43                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.86                 | 21.91                    | 21.79                  | 22.4                |
| 40              | PI/2 BPSK  | 1       | 108       | 21.76                 | 21.86                    | 21.63                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 21.69                 | 21.69                    | 21.67                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 21.70                 | 21.80                    | 21.72                  | 22.4                |
| 40              | PI/2 BPSK  | 108     | 54        | 21.84                 | 21.89                    | 21.84                  | 22.4                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.80                 | 21.85                    | 21.83                  | 22.4                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.74                 | 21.74                    | 21.71                  |                     |
| 40              | QPSK       | 1       | 1         | 21.86                 | 21.82                    | 21.73                  | 22.4                |
| 40              | QPSK       | 1       | 108       | 21.82                 | 21.83                    | 21.65                  |                     |
| 40              | QPSK       | 1       | 214       | 21.69                 | 21.77                    | 21.60                  |                     |
| 40              | QPSK       | 108     | 0         | 21.26                 | 21.32                    | 21.34                  | 22.4                |
| 40              | QPSK       | 108     | 54        | 21.73                 | 21.76                    | 21.84                  | 22.4                |
| 40              | QPSK       | 108     | 108       | 21.31                 | 21.42                    | 21.22                  | 22.4                |
| 40              | QPSK       | 216     | 0         | 21.35                 | 21.36                    | 21.38                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.31                 | 21.36                    | 21.21                  | 22.4                |
| 40              | 64QAM      | 1       | 1         | 20.98                 | 21.19                    | 20.99                  | 22.4                |
| 40              | 256QAM     | 1       | 1         | 19.44                 | 19.53                    | 19.36                  | 20.5                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.71                    | 21.68                  | 22.4                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.76                    | 21.68                  | 22.4                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.80                    | 21.68                  | 22.4                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.77                    | 21.69                  | 22.4                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.81                 | 21.78                    | 21.71                  | 22.4                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.82                    | 21.63                  | 22.4                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.79                    | 21.80                  | 22.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.53                 | 17.60                    | 17.49                  | 18.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 17.31                 | 17.49                    | 17.47                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 17.47                 | 17.37                    | 17.34                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 17.42                 | 17.42                    | 17.33                  | 18.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 17.43                 | 17.46                    | 17.40                  | 18.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 17.41                 | 17.45                    | 17.36                  | 18.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 17.47                 | 17.48                    | 17.46                  |                     |
| 40              | QPSK       | 1       | 1         | 17.36                 | 17.48                    | 17.34                  | 18.5                |
| 40              | QPSK       | 1       | 108       | 17.42                 | 17.37                    | 17.43                  |                     |
| 40              | QPSK       | 1       | 214       | 17.40                 | 17.47                    | 17.35                  |                     |
| 40              | QPSK       | 108     | 0         | 17.33                 | 17.37                    | 17.29                  | 18.5                |
| 40              | QPSK       | 108     | 54        | 17.34                 | 17.49                    | 17.46                  | 18.5                |
| 40              | QPSK       | 108     | 108       | 17.37                 | 17.46                    | 17.48                  | 18.5                |
| 40              | QPSK       | 216     | 0         | 17.42                 | 17.48                    | 17.35                  |                     |
| 40              | 16QAM      | 1       | 1         | 17.47                 | 17.42                    | 17.44                  | 18.5                |
| 40              | 64QAM      | 1       | 1         | 17.33                 | 17.34                    | 17.30                  | 18.5                |
| 40              | 256QAM     | 1       | 1         | 17.46                 | 17.47                    | 17.29                  | 18.5                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 17.45                 | 17.45                    | 17.39                  | 18.5                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.56                    | 17.37                  | 18.5                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.44                 | 17.48                    | 17.43                  | 18.5                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.37                 | 17.45                    | 17.37                  | 18.5                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.42                    | 17.37                  | 18.5                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.42                    | 17.29                  | 18.5                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.45                    | 17.35                  | 18.5                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 374000                | 376500                   | 379000                 |                     |       |       |      |
| Frequency (MHz) | 1870                  | 1882.5                   | 1895                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 18.12               | 18.13 | 18.07 | 19.1 |
| 40              | PI/2 BPSK             | 1                        | 108                    | 18.10               | 18.08 | 18.05 |      |
| 40              | PI/2 BPSK             | 1                        | 214                    | 18.00               | 18.08 | 18.05 |      |
| 40              | PI/2 BPSK             | 108                      | 0                      | 17.99               | 17.96 | 17.98 | 19.1 |
| 40              | PI/2 BPSK             | 108                      | 54                     | 18.08               | 18.04 | 18.00 | 19.1 |
| 40              | PI/2 BPSK             | 108                      | 108                    | 17.92               | 17.99 | 17.93 | 19.1 |
| 40              | PI/2 BPSK             | 216                      | 0                      | 18.06               | 17.99 | 17.93 |      |
| 40              | QPSK                  | 1                        | 1                      | 17.93               | 18.12 | 18.04 | 19.1 |
| 40              | QPSK                  | 1                        | 108                    | 18.03               | 18.00 | 17.86 |      |
| 40              | QPSK                  | 1                        | 214                    | 18.09               | 17.97 | 17.91 |      |
| 40              | QPSK                  | 108                      | 0                      | 18.04               | 18.03 | 18.01 | 19.1 |
| 40              | QPSK                  | 108                      | 54                     | 18.08               | 18.10 | 17.85 | 19.1 |
| 40              | QPSK                  | 108                      | 108                    | 18.08               | 17.98 | 18.02 | 19.1 |
| 40              | QPSK                  | 216                      | 0                      | 17.92               | 18.00 | 17.96 |      |
| 40              | 16QAM                 | 1                        | 1                      | 18.02               | 18.00 | 17.88 | 19.1 |
| 40              | 64QAM                 | 1                        | 1                      | 17.94               | 17.95 | 17.93 | 19.1 |
| 40              | 256QAM                | 1                        | 1                      | 18.07               | 18.06 | 18.02 | 19.1 |
| Channel         | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1867.5                | 1882.5                   | 1897.5                 |                     |       |       |      |
| 35              | PI/2 BPSK             | 1                        | 1                      | 18.06               | 17.96 | 17.95 | 19.1 |
| Channel         | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1865                  | 1882.5                   | 1900                   |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 18.06               | 18.00 | 17.92 | 19.1 |
| Channel         | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1862.5                | 1882.5                   | 1902.5                 |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 18.07               | 17.98 | 17.92 | 19.1 |
| Channel         | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1860                  | 1882.5                   | 1905                   |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 17.98               | 17.97 | 18.04 | 19.1 |
| Channel         | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1857.5                | 1882.5                   | 1907.5                 |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 17.96               | 17.99 | 18.04 | 19.1 |
| Channel         | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1855                  | 1882.5                   | 1910                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 17.92               | 18.11 | 18.03 | 19.1 |
| Channel         | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1852.5                | 1882.5                   | 1912.5                 |                     |       |       |      |
| 5               | PI/2 BPSK             | 1                        | 1                      | 18.02               | 18.12 | 17.94 | 19.1 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.68                    | 19.60                  | 20.8                |
| 40              | PI/2 BPSK  | 1       | 108       | 19.59                 | 19.65                    | 19.54                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 19.52                 | 19.65                    | 19.41                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.52                 | 19.55                    | 19.47                  | 20.8                |
| 40              | PI/2 BPSK  | 108     | 54        | 19.57                 | 19.65                    | 19.58                  | 20.8                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.48                 | 19.54                    | 19.54                  | 20.8                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.54                 | 19.66                    | 19.43                  |                     |
| 40              | QPSK       | 1       | 1         | 19.43                 | 19.49                    | 19.40                  | 20.8                |
| 40              | QPSK       | 1       | 108       | 19.47                 | 19.62                    | 19.48                  |                     |
| 40              | QPSK       | 1       | 214       | 19.62                 | 19.56                    | 19.59                  |                     |
| 40              | QPSK       | 108     | 0         | 19.50                 | 19.57                    | 19.50                  | 20.8                |
| 40              | QPSK       | 108     | 54        | 19.56                 | 19.57                    | 19.40                  | 20.8                |
| 40              | QPSK       | 108     | 108       | 19.44                 | 19.63                    | 19.40                  | 20.8                |
| 40              | QPSK       | 216     | 0         | 19.55                 | 19.57                    | 19.52                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.44                 | 19.66                    | 19.58                  | 20.8                |
| 40              | 64QAM      | 1       | 1         | 19.54                 | 19.52                    | 19.47                  | 20.8                |
| 40              | 256QAM     | 1       | 1         | 19.32                 | 19.35                    | 19.28                  | 20.8                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 19.48                 | 19.56                    | 19.47                  | 20.8                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.52                    | 19.41                  | 20.8                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.59                    | 19.60                  | 20.8                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.64                    | 19.53                  | 20.8                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.61                    | 19.42                  | 20.8                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.66                    | 19.55                  | 20.8                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.54                    | 19.43                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.86                 | 21.91                    | 21.79                  | 23.2                |
| 40              | PI/2 BPSK  | 1       | 108       | 21.76                 | 21.86                    | 21.63                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 21.69                 | 21.69                    | 21.67                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 21.70                 | 21.80                    | 21.72                  | 23.2                |
| 40              | PI/2 BPSK  | 108     | 54        | 21.84                 | 21.89                    | 21.84                  | 23.2                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.80                 | 21.85                    | 21.83                  | 23.2                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.74                 | 21.74                    | 21.71                  |                     |
| 40              | QPSK       | 1       | 1         | 21.86                 | 21.82                    | 21.73                  | 23.2                |
| 40              | QPSK       | 1       | 108       | 21.82                 | 21.83                    | 21.65                  |                     |
| 40              | QPSK       | 1       | 214       | 21.69                 | 21.77                    | 21.60                  |                     |
| 40              | QPSK       | 108     | 0         | 21.26                 | 21.32                    | 21.34                  | 23.2                |
| 40              | QPSK       | 108     | 54        | 21.73                 | 21.76                    | 21.84                  | 23.2                |
| 40              | QPSK       | 108     | 108       | 21.31                 | 21.42                    | 21.22                  | 23.2                |
| 40              | QPSK       | 216     | 0         | 21.35                 | 21.36                    | 21.38                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.31                 | 21.36                    | 21.21                  | 23.2                |
| 40              | 64QAM      | 1       | 1         | 20.98                 | 21.19                    | 20.99                  | 22.5                |
| 40              | 256QAM     | 1       | 1         | 19.44                 | 19.53                    | 19.36                  | 20.5                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.71                    | 21.68                  | 23.2                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.76                    | 21.68                  | 23.2                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.80                    | 21.68                  | 23.2                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.74                 | 21.77                    | 21.69                  | 23.2                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.81                 | 21.78                    | 21.71                  | 23.2                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.82                    | 21.63                  | 23.2                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.79                    | 21.80                  | 23.2                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 17.53                 | 17.60                    | 17.49                  | 17.7                |
| 40              | PI/2 BPSK  | 1       | 108       | 17.31                 | 17.49                    | 17.47                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 17.47                 | 17.37                    | 17.34                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 17.42                 | 17.42                    | 17.33                  | 17.7                |
| 40              | PI/2 BPSK  | 108     | 54        | 17.43                 | 17.46                    | 17.40                  | 17.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 17.41                 | 17.45                    | 17.36                  | 17.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 17.47                 | 17.48                    | 17.46                  |                     |
| 40              | QPSK       | 1       | 1         | 17.36                 | 17.48                    | 17.34                  | 17.7                |
| 40              | QPSK       | 1       | 108       | 17.42                 | 17.37                    | 17.43                  |                     |
| 40              | QPSK       | 1       | 214       | 17.40                 | 17.47                    | 17.35                  |                     |
| 40              | QPSK       | 108     | 0         | 17.33                 | 17.37                    | 17.29                  | 17.7                |
| 40              | QPSK       | 108     | 54        | 17.34                 | 17.49                    | 17.46                  | 17.7                |
| 40              | QPSK       | 108     | 108       | 17.37                 | 17.46                    | 17.48                  | 17.7                |
| 40              | QPSK       | 216     | 0         | 17.42                 | 17.48                    | 17.35                  |                     |
| 40              | 16QAM      | 1       | 1         | 17.47                 | 17.42                    | 17.44                  | 17.7                |
| 40              | 64QAM      | 1       | 1         | 17.33                 | 17.34                    | 17.30                  | 17.7                |
| 40              | 256QAM     | 1       | 1         | 17.46                 | 17.47                    | 17.29                  | 17.7                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 17.45                 | 17.45                    | 17.39                  | 17.7                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 17.33                 | 17.56                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 17.44                 | 17.48                    | 17.43                  | 17.7                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 17.37                 | 17.45                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 17.34                 | 17.42                    | 17.37                  | 17.7                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.42                    | 17.29                  | 17.7                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.36                 | 17.45                    | 17.35                  | 17.7                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK             | 1                        | 1                      | 18.12               |
| 40              | PI/2 BPSK             | 1                        | 108                    | 18.10               |
| 40              | PI/2 BPSK             | 1                        | 214                    | 18.00               |
| 40              | PI/2 BPSK             | 108                      | 0                      | 17.99               |
| 40              | PI/2 BPSK             | 108                      | 54                     | 18.08               |
| 40              | PI/2 BPSK             | 108                      | 108                    | 17.92               |
| 40              | PI/2 BPSK             | 216                      | 0                      | 18.06               |
| 40              | QPSK                  | 1                        | 1                      | 17.93               |
| 40              | QPSK                  | 1                        | 108                    | 18.03               |
| 40              | QPSK                  | 1                        | 214                    | 18.09               |
| 40              | QPSK                  | 108                      | 0                      | 18.04               |
| 40              | QPSK                  | 108                      | 54                     | 18.08               |
| 40              | QPSK                  | 108                      | 108                    | 18.08               |
| 40              | QPSK                  | 216                      | 0                      | 17.92               |
| 40              | 16QAM                 | 1                        | 1                      | 18.02               |
| 40              | 64QAM                 | 1                        | 1                      | 17.94               |
| 40              | 256QAM                | 1                        | 1                      | 18.07               |
| Channel         | 373500                | 376500                   | 379500                 |                     |
| Frequency (MHz) | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK             | 1                        | 1                      | 18.06               |
| Channel         | 373000                | 376500                   | 380000                 |                     |
| Frequency (MHz) | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK             | 1                        | 1                      | 18.06               |
| Channel         | 372500                | 376500                   | 380500                 |                     |
| Frequency (MHz) | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK             | 1                        | 1                      | 18.07               |
| Channel         | 372000                | 376500                   | 381000                 |                     |
| Frequency (MHz) | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK             | 1                        | 1                      | 17.98               |
| Channel         | 371500                | 376500                   | 381500                 |                     |
| Frequency (MHz) | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK             | 1                        | 1                      | 17.96               |
| Channel         | 371000                | 376500                   | 382000                 |                     |
| Frequency (MHz) | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK             | 1                        | 1                      | 17.92               |
| Channel         | 370500                | 376500                   | 382500                 |                     |
| Frequency (MHz) | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK             | 1                        | 1                      | 18.02               |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 374000                | 376500                   | 379000                 |                     |
| Frequency (MHz) |            |         |           | 1870                  | 1882.5                   | 1895                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.68                    | 19.60                  | 20.0                |
| 40              | PI/2 BPSK  | 1       | 108       | 19.59                 | 19.65                    | 19.54                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 19.52                 | 19.65                    | 19.41                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.52                 | 19.55                    | 19.47                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 54        | 19.57                 | 19.65                    | 19.58                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.48                 | 19.54                    | 19.54                  | 20.0                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.54                 | 19.66                    | 19.43                  |                     |
| 40              | QPSK       | 1       | 1         | 19.43                 | 19.49                    | 19.40                  | 20.0                |
| 40              | QPSK       | 1       | 108       | 19.47                 | 19.62                    | 19.48                  |                     |
| 40              | QPSK       | 1       | 214       | 19.62                 | 19.56                    | 19.59                  |                     |
| 40              | QPSK       | 108     | 0         | 19.50                 | 19.57                    | 19.50                  | 20.0                |
| 40              | QPSK       | 108     | 54        | 19.56                 | 19.57                    | 19.40                  | 20.0                |
| 40              | QPSK       | 108     | 108       | 19.44                 | 19.63                    | 19.40                  | 20.0                |
| 40              | QPSK       | 216     | 0         | 19.55                 | 19.57                    | 19.52                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.44                 | 19.66                    | 19.58                  | 20.0                |
| 40              | 64QAM      | 1       | 1         | 19.54                 | 19.52                    | 19.47                  | 20.0                |
| 40              | 256QAM     | 1       | 1         | 19.32                 | 19.35                    | 19.28                  | 20.0                |
| Channel         |            |         |           | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1867.5                | 1882.5                   | 1897.5                 |                     |
| 35              | PI/2 BPSK  | 1       | 1         | 19.48                 | 19.56                    | 19.47                  | 20.0                |
| Channel         |            |         |           | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1865                  | 1882.5                   | 1900                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.53                 | 19.52                    | 19.41                  | 20.0                |
| Channel         |            |         |           | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1862.5                | 1882.5                   | 1902.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.54                 | 19.59                    | 19.60                  | 20.0                |
| Channel         |            |         |           | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1860                  | 1882.5                   | 1905                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.64                    | 19.53                  | 20.0                |
| Channel         |            |         |           | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1857.5                | 1882.5                   | 1907.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.51                 | 19.61                    | 19.42                  | 20.0                |
| Channel         |            |         |           | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1855                  | 1882.5                   | 1910                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.57                 | 19.66                    | 19.55                  | 20.0                |
| Channel         |            |         |           | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1852.5                | 1882.5                   | 1912.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.54                    | 19.43                  | 20.0                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 374000                | 376500                   | 379000                 |                     |       |       |      |
| Frequency (MHz) | 1870                  | 1882.5                   | 1895                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 21.86               | 21.91 | 21.79 | 22.4 |
| 40              | PI/2 BPSK             | 1                        | 108                    | 21.76               | 21.86 | 21.63 |      |
| 40              | PI/2 BPSK             | 1                        | 214                    | 21.69               | 21.69 | 21.67 |      |
| 40              | PI/2 BPSK             | 108                      | 0                      | 21.70               | 21.80 | 21.72 | 22.4 |
| 40              | PI/2 BPSK             | 108                      | 54                     | 21.84               | 21.89 | 21.84 | 22.4 |
| 40              | PI/2 BPSK             | 108                      | 108                    | 21.80               | 21.85 | 21.83 | 22.4 |
| 40              | PI/2 BPSK             | 216                      | 0                      | 21.74               | 21.74 | 21.71 |      |
| 40              | QPSK                  | 1                        | 1                      | 21.86               | 21.82 | 21.73 | 22.4 |
| 40              | QPSK                  | 1                        | 108                    | 21.82               | 21.83 | 21.65 |      |
| 40              | QPSK                  | 1                        | 214                    | 21.69               | 21.77 | 21.60 |      |
| 40              | QPSK                  | 108                      | 0                      | 21.26               | 21.32 | 21.34 | 22.4 |
| 40              | QPSK                  | 108                      | 54                     | 21.73               | 21.76 | 21.84 | 22.4 |
| 40              | QPSK                  | 108                      | 108                    | 21.31               | 21.42 | 21.22 | 22.4 |
| 40              | QPSK                  | 216                      | 0                      | 21.35               | 21.36 | 21.38 |      |
| 40              | 16QAM                 | 1                        | 1                      | 21.31               | 21.36 | 21.21 | 22.4 |
| 40              | 64QAM                 | 1                        | 1                      | 20.98               | 21.19 | 20.99 | 22.4 |
| 40              | 256QAM                | 1                        | 1                      | 19.44               | 19.53 | 19.36 | 20.5 |
| Channel         | 373500                | 376500                   | 379500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1867.5                | 1882.5                   | 1897.5                 |                     |       |       |      |
| 35              | PI/2 BPSK             | 1                        | 1                      | 21.73               | 21.71 | 21.68 | 22.4 |
| Channel         | 373000                | 376500                   | 380000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1865                  | 1882.5                   | 1900                   |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 21.82               | 21.76 | 21.68 | 22.4 |
| Channel         | 372500                | 376500                   | 380500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1862.5                | 1882.5                   | 1902.5                 |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 21.76               | 21.80 | 21.68 | 22.4 |
| Channel         | 372000                | 376500                   | 381000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1860                  | 1882.5                   | 1905                   |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 21.74               | 21.77 | 21.69 | 22.4 |
| Channel         | 371500                | 376500                   | 381500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1857.5                | 1882.5                   | 1907.5                 |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 21.81               | 21.78 | 21.71 | 22.4 |
| Channel         | 371000                | 376500                   | 382000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1855                  | 1882.5                   | 1910                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 21.82               | 21.82 | 21.63 | 22.4 |
| Channel         | 370500                | 376500                   | 382500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1852.5                | 1882.5                   | 1912.5                 |                     |       |       |      |
| 5               | PI/2 BPSK             | 1                        | 1                      | 21.73               | 21.79 | 21.80 | 22.4 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.45                 | 24.43                    | 24.16                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.40                 | 24.42                    | 24.06                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.20                 | 24.28                    | 23.96                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.84                 | 23.87                    | 23.50                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.29                 | 24.33                    | 24.05                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.80                 | 23.86                    | 23.51                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.80                 | 23.82                    | 23.51                  |                     |
| 20              | QPSK       | 1       | 1         | 24.24                 | 24.31                    | 24.02                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.35                 | 24.39                    | 24.02                  |                     |
| 20              | QPSK       | 1       | 104       | 24.24                 | 24.30                    | 23.98                  |                     |
| 20              | QPSK       | 50      | 0         | 23.32                 | 23.36                    | 23.02                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.25                 | 24.32                    | 24.01                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.37                 | 23.36                    | 23.09                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.27                 | 23.32                    | 22.96                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.20                 | 23.26                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.83                 | 21.81                    | 21.50                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.72                 | 19.80                    | 19.48                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.26                    | 24.10                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.38                    | 24.16                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.30                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.00                 | 22.94                    | 22.83                  | 23.1                |
| 20              | PI/2 BPSK  | 1       | 53        | 22.89                 | 22.79                    | 22.75                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 22.87                 | 22.83                    | 22.82                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 22.80                 | 22.88                    | 22.66                  | 23.1                |
| 20              | PI/2 BPSK  | 50      | 28        | 22.88                 | 22.81                    | 22.81                  | 23.1                |
| 20              | PI/2 BPSK  | 50      | 56        | 22.83                 | 22.87                    | 22.67                  | 23.1                |
| 20              | PI/2 BPSK  | 100     | 0         | 22.99                 | 22.94                    | 22.69                  |                     |
| 20              | QPSK       | 1       | 1         | 22.97                 | 22.85                    | 22.63                  | 23.1                |
| 20              | QPSK       | 1       | 53        | 22.88                 | 22.75                    | 22.64                  |                     |
| 20              | QPSK       | 1       | 104       | 22.83                 | 22.75                    | 22.63                  |                     |
| 20              | QPSK       | 50      | 0         | 22.99                 | 22.76                    | 22.82                  | 23.1                |
| 20              | QPSK       | 50      | 28        | 22.93                 | 22.91                    | 22.64                  | 23.1                |
| 20              | QPSK       | 50      | 56        | 22.96                 | 22.74                    | 22.71                  | 23.1                |
| 20              | QPSK       | 100     | 0         | 22.87                 | 22.85                    | 22.74                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.83                 | 22.81                    | 22.66                  | 23.1                |
| 20              | 64QAM      | 1       | 1         | 21.73                 | 21.70                    | 21.63                  | 23.1                |
| 20              | 256QAM     | 1       | 1         | 19.75                 | 19.72                    | 19.68                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.95                 | 22.91                    | 22.63                  | 23.1                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.83                    | 22.83                  | 23.1                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.89                 | 22.91                    | 22.74                  | 23.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.45                 | 24.43                    | 24.16                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.40                 | 24.42                    | 24.06                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.20                 | 24.28                    | 23.96                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.84                 | 23.87                    | 23.50                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.29                 | 24.33                    | 24.05                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.80                 | 23.86                    | 23.51                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.80                 | 23.82                    | 23.51                  |                     |
| 20              | QPSK       | 1       | 1         | 24.24                 | 24.31                    | 24.02                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.35                 | 24.39                    | 24.02                  |                     |
| 20              | QPSK       | 1       | 104       | 24.24                 | 24.30                    | 23.98                  |                     |
| 20              | QPSK       | 50      | 0         | 23.32                 | 23.36                    | 23.02                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.25                 | 24.32                    | 24.01                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.37                 | 23.36                    | 23.09                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.27                 | 23.32                    | 22.96                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.20                 | 23.26                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.83                 | 21.81                    | 21.50                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.72                 | 19.80                    | 19.48                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.26                    | 24.10                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.38                    | 24.16                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.30                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 | 25.7                |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.26                    | 24.12                  |                     |
| 20              | PI/2 BPSK  | 1       | 53        | 24.22                 | 24.19                    | 24.02                  | 25.2                |
| 20              | PI/2 BPSK  | 1       | 104       | 24.07                 | 24.09                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.61                 | 23.63                    | 23.48                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.04                 | 24.10                    | 23.95                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.54                 | 23.61                    | 23.45                  |                     |
| 20              | PI/2 BPSK  | 100     | 0         | 23.55                 | 23.59                    | 23.44                  | 25.7                |
| 20              | QPSK       | 1       | 1         | 24.16                 | 24.22                    | 24.05                  |                     |
| 20              | QPSK       | 1       | 53        | 24.15                 | 24.19                    | 23.97                  |                     |
| 20              | QPSK       | 1       | 104       | 24.05                 | 24.06                    | 23.89                  | 24.7                |
| 20              | QPSK       | 50      | 0         | 23.18                 | 23.17                    | 23.03                  |                     |
| 20              | QPSK       | 50      | 28        | 24.04                 | 24.10                    | 23.93                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.07                 | 23.12                    | 22.98                  |                     |
| 20              | QPSK       | 100     | 0         | 23.04                 | 23.08                    | 22.92                  | 24.7                |
| 20              | 16QAM      | 1       | 1         | 23.11                 | 23.15                    | 22.96                  |                     |
| 20              | 64QAM      | 1       | 1         | 21.64                 | 21.64                    | 21.44                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.57                 | 19.63                    | 19.43                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | 25.7                |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 |                     |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.07                    | 24.02                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 |                     |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.18                    | 23.95                  | 25.7                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.45                 | 24.43                    | 24.16                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.40                 | 24.42                    | 24.06                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.20                 | 24.28                    | 23.96                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.84                 | 23.87                    | 23.50                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.29                 | 24.33                    | 24.05                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.80                 | 23.86                    | 23.51                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.80                 | 23.82                    | 23.51                  |                     |
| 20              | QPSK       | 1       | 1         | 24.24                 | 24.31                    | 24.02                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.35                 | 24.39                    | 24.02                  |                     |
| 20              | QPSK       | 1       | 104       | 24.24                 | 24.30                    | 23.98                  |                     |
| 20              | QPSK       | 50      | 0         | 23.32                 | 23.36                    | 23.02                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.25                 | 24.32                    | 24.01                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.37                 | 23.36                    | 23.09                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.27                 | 23.32                    | 22.96                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.20                 | 23.26                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.83                 | 21.81                    | 21.50                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.72                 | 19.80                    | 19.48                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.26                    | 24.10                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.38                    | 24.16                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.30                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.26                    | 24.12                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.22                 | 24.19                    | 24.02                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.07                 | 24.09                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.61                 | 23.63                    | 23.48                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.04                 | 24.10                    | 23.95                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.54                 | 23.61                    | 23.45                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.55                 | 23.59                    | 23.44                  |                     |
| 20              | QPSK       | 1       | 1         | 24.16                 | 24.22                    | 24.05                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.15                 | 24.19                    | 23.97                  |                     |
| 20              | QPSK       | 1       | 104       | 24.05                 | 24.06                    | 23.89                  |                     |
| 20              | QPSK       | 50      | 0         | 23.18                 | 23.17                    | 23.03                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.04                 | 24.10                    | 23.93                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.07                 | 23.12                    | 22.98                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.04                 | 23.08                    | 22.92                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.11                 | 23.15                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.64                 | 21.64                    | 21.44                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.57                 | 19.63                    | 19.43                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.07                    | 24.02                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.18                    | 23.95                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.45                 | 24.43                    | 24.16                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.40                 | 24.42                    | 24.06                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.20                 | 24.28                    | 23.96                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.84                 | 23.87                    | 23.50                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.29                 | 24.33                    | 24.05                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.80                 | 23.86                    | 23.51                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.80                 | 23.82                    | 23.51                  |                     |
| 20              | QPSK       | 1       | 1         | 24.24                 | 24.31                    | 24.02                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.35                 | 24.39                    | 24.02                  |                     |
| 20              | QPSK       | 1       | 104       | 24.24                 | 24.30                    | 23.98                  |                     |
| 20              | QPSK       | 50      | 0         | 23.32                 | 23.36                    | 23.02                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.25                 | 24.32                    | 24.01                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.37                 | 23.36                    | 23.09                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.27                 | 23.32                    | 22.96                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.20                 | 23.26                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.83                 | 21.81                    | 21.50                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.72                 | 19.80                    | 19.48                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.26                    | 24.10                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.38                    | 24.16                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.30                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 164800                | 166300                   | 167800                 |                     |
| Frequency (MHz) |            |         |           | 824                   | 831.5                    | 839                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.26                    | 24.12                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.22                 | 24.19                    | 24.02                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 24.07                 | 24.09                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.61                 | 23.63                    | 23.48                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 24.04                 | 24.10                    | 23.95                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.54                 | 23.61                    | 23.45                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.55                 | 23.59                    | 23.44                  |                     |
| 20              | QPSK       | 1       | 1         | 24.16                 | 24.22                    | 24.05                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 24.15                 | 24.19                    | 23.97                  |                     |
| 20              | QPSK       | 1       | 104       | 24.05                 | 24.06                    | 23.89                  |                     |
| 20              | QPSK       | 50      | 0         | 23.18                 | 23.17                    | 23.03                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 24.04                 | 24.10                    | 23.93                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.07                 | 23.12                    | 22.98                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.04                 | 23.08                    | 22.92                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.11                 | 23.15                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.64                 | 21.64                    | 21.44                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.57                 | 19.63                    | 19.43                  | 21.2                |
| Channel         |            |         |           | 164300                | 166300                   | 168300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 821.5                 | 831.5                    | 841.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 163800                | 166300                   | 168800                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 819                   | 831.5                    | 844                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.07                    | 24.02                  | 25.7                |
| Channel         |            |         |           | 163300                | 166300                   | 169300                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 816.5                 | 831.5                    | 846.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.18                    | 23.95                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 22.26                    |                        | 23.5                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 22.25                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 22.19                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 21.68                    |                        | 23.0                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 22.18                    |                        | 23.5                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 21.72                    |                        | 23.0                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 21.67                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 22.22                    |                        | 23.5                |
| 10              | QPSK       | 1       | 26        |                       | 22.23                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 22.21                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 21.18                    |                        | 22.5                |
| 10              | QPSK       | 25      | 14        |                       | 22.16                    |                        | 23.5                |
| 10              | QPSK       | 25      | 27        |                       | 21.21                    |                        | 22.5                |
| 10              | QPSK       | 50      | 0         |                       | 21.20                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 21.24                    |                        | 22.5                |
| 10              | 64QAM      | 1       | 1         |                       | 19.67                    |                        | 21.0                |
| 10              | 256QAM     | 1       | 1         |                       | 17.66                    |                        | 19.0                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.10                 | 22.23                    | 22.08                  | 23.5                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 19.09                    |                        | 19.3                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 18.94                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 18.94                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 19.06                    |                        | 19.3                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 18.97                    |                        | 19.3                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 19.04                    |                        | 19.3                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 19.04                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 18.97                    |                        | 19.3                |
| 10              | QPSK       | 1       | 26        |                       | 18.97                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 19.05                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 19.05                    |                        | 19.3                |
| 10              | QPSK       | 25      | 14        |                       | 19.08                    |                        | 19.3                |
| 10              | QPSK       | 25      | 27        |                       | 18.95                    |                        | 19.3                |
| 10              | QPSK       | 50      | 0         |                       | 19.03                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 18.98                    |                        | 19.3                |
| 10              | 64QAM      | 1       | 1         |                       | 18.94                    |                        | 19.3                |
| 10              | 256QAM     | 1       | 1         |                       | 17.89                    |                        | 19.0                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.98                 | 19.00                    | 19.02                  | 19.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 17.26                    |                        | 17.4                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 17.22                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 17.21                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 17.15                    |                        | 17.4                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 17.22                    |                        | 17.4                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 17.08                    |                        | 17.4                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 17.18                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 17.11                    |                        | 17.4                |
| 10              | QPSK       | 1       | 26        |                       | 17.09                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 17.07                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 17.21                    |                        | 17.4                |
| 10              | QPSK       | 25      | 14        |                       | 17.18                    |                        | 17.4                |
| 10              | QPSK       | 25      | 27        |                       | 17.15                    |                        | 17.4                |
| 10              | QPSK       | 50      | 0         |                       | 17.23                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 17.07                    |                        | 17.4                |
| 10              | 64QAM      | 1       | 1         |                       | 17.20                    |                        | 17.4                |
| 10              | 256QAM     | 1       | 1         |                       | 17.22                    |                        | 17.4                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.22                 | 17.25                    | 17.20                  | 17.4                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 20.32                    |                        | 20.8                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 20.22                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 20.27                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 20.23                    |                        | 20.8                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 20.26                    |                        | 20.8                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 20.23                    |                        | 20.8                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 20.23                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 20.28                    |                        | 20.8                |
| 10              | QPSK       | 1       | 26        |                       | 20.25                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 20.26                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.28                    |                        | 20.8                |
| 10              | QPSK       | 25      | 14        |                       | 20.20                    |                        | 20.8                |
| 10              | QPSK       | 25      | 27        |                       | 20.26                    |                        | 20.8                |
| 10              | QPSK       | 50      | 0         |                       | 20.20                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 20.25                    |                        | 20.8                |
| 10              | 64QAM      | 1       | 1         |                       | 19.80                    |                        | 20.8                |
| 10              | 256QAM     | 1       | 1         |                       | 17.88                    |                        | 19.0                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.29                    | 20.19                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 17.67                    |                        | 18.6                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 17.65                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 17.57                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 17.51                    |                        | 18.6                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 17.66                    |                        | 18.6                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 17.65                    |                        | 18.6                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 17.52                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 17.65                    |                        | 18.6                |
| 10              | QPSK       | 1       | 26        |                       | 17.51                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 17.61                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 17.59                    |                        | 18.6                |
| 10              | QPSK       | 25      | 14        |                       | 17.64                    |                        | 18.6                |
| 10              | QPSK       | 25      | 27        |                       | 17.64                    |                        | 18.6                |
| 10              | QPSK       | 50      | 0         |                       | 17.54                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 17.64                    |                        | 18.6                |
| 10              | 64QAM      | 1       | 1         |                       | 17.53                    |                        | 18.6                |
| 10              | 256QAM     | 1       | 1         |                       | 17.62                    |                        | 18.6                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.60                 | 17.62                    | 17.63                  | 18.6                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 20.89                    |                        | 22.1                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 20.81                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 20.81                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 20.73                    |                        | 22.1                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 20.84                    |                        | 22.1                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 20.82                    |                        | 22.1                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 20.75                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 20.82                    |                        | 22.1                |
| 10              | QPSK       | 1       | 26        |                       | 20.85                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 20.85                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.78                    |                        | 22.1                |
| 10              | QPSK       | 25      | 14        |                       | 20.85                    |                        | 22.1                |
| 10              | QPSK       | 25      | 27        |                       | 20.76                    |                        | 22.1                |
| 10              | QPSK       | 50      | 0         |                       | 20.76                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 20.81                    |                        | 22.1                |
| 10              | 64QAM      | 1       | 1         |                       | 19.96                    |                        | 21.0                |
| 10              | 256QAM     | 1       | 1         |                       | 17.88                    |                        | 19.0                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.79                    | 20.69                  | 22.1                |



**<FR1 n30\_Ant 2\_Index 11>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 17.67                    |                        | 17.8                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 17.65                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 17.57                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 17.51                    |                        | 17.8                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 17.66                    |                        | 17.8                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 17.65                    |                        | 17.8                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 17.52                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 17.65                    |                        | 17.8                |
| 10              | QPSK       | 1       | 26        |                       | 17.51                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 17.61                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 17.59                    |                        | 17.8                |
| 10              | QPSK       | 25      | 14        |                       | 17.64                    |                        | 17.8                |
| 10              | QPSK       | 25      | 27        |                       | 17.64                    |                        | 17.8                |
| 10              | QPSK       | 50      | 0         |                       | 17.54                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 17.64                    |                        | 17.8                |
| 10              | 64QAM      | 1       | 1         |                       | 17.53                    |                        | 17.8                |
| 10              | 256QAM     | 1       | 1         |                       | 17.62                    |                        | 17.8                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.60                 | 17.62                    | 17.63                  | 17.8                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 462000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 2310                     |                        |                     |
| 10              | PI/2 BPSK  | 1       | 1         |                       | 20.89                    |                        | 21.3                |
| 10              | PI/2 BPSK  | 1       | 26        |                       | 20.81                    |                        |                     |
| 10              | PI/2 BPSK  | 1       | 50        |                       | 20.81                    |                        |                     |
| 10              | PI/2 BPSK  | 25      | 0         |                       | 20.73                    |                        | 21.3                |
| 10              | PI/2 BPSK  | 25      | 14        |                       | 20.84                    |                        | 21.3                |
| 10              | PI/2 BPSK  | 25      | 27        |                       | 20.82                    |                        | 21.3                |
| 10              | PI/2 BPSK  | 50      | 0         |                       | 20.75                    |                        |                     |
| 10              | QPSK       | 1       | 1         |                       | 20.82                    |                        | 21.3                |
| 10              | QPSK       | 1       | 26        |                       | 20.85                    |                        |                     |
| 10              | QPSK       | 1       | 50        |                       | 20.85                    |                        |                     |
| 10              | QPSK       | 25      | 0         |                       | 20.78                    |                        | 21.3                |
| 10              | QPSK       | 25      | 14        |                       | 20.85                    |                        | 21.3                |
| 10              | QPSK       | 25      | 27        |                       | 20.76                    |                        | 21.3                |
| 10              | QPSK       | 50      | 0         |                       | 20.76                    |                        |                     |
| 10              | 16QAM      | 1       | 1         |                       | 20.81                    |                        | 21.3                |
| 10              | 64QAM      | 1       | 1         |                       | 19.96                    |                        | 21.0                |
| 10              | 256QAM     | 1       | 1         |                       | 17.88                    |                        | 19.0                |
| Channel         |            |         |           | 461500                | 462000                   | 462500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2307.5                | 2310                     | 2312.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.79                    | 20.69                  | 21.3                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 25.1                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.41                 | 24.43                    | 24.39                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 24.36                 | 24.38                    | 24.25                  | 24.6                |
| 40              | PI/2 BPSK  | 1       | 104       | 24.28                 | 24.34                    | 24.29                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 23.79                 | 23.88                    | 23.78                  | 25.1                |
| 40              | PI/2 BPSK  | 50      | 28        | 24.29                 | 24.37                    | 24.30                  |                     |
| 40              | PI/2 BPSK  | 50      | 56        | 23.73                 | 23.82                    | 23.78                  | 24.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 23.84                 | 23.88                    | 23.78                  |                     |
| 40              | QPSK       | 1       | 1         | 24.33                 | 24.42                    | 24.29                  | 25.1                |
| 40              | QPSK       | 1       | 53        | 24.30                 | 24.39                    | 24.31                  |                     |
| 40              | QPSK       | 1       | 104       | 24.35                 | 24.38                    | 24.29                  |                     |
| 40              | QPSK       | 50      | 0         | 23.36                 | 23.38                    | 23.29                  | 24.1                |
| 40              | QPSK       | 50      | 28        | 24.37                 | 24.39                    | 24.32                  | 25.1                |
| 40              | QPSK       | 50      | 56        | 23.31                 | 23.33                    | 23.26                  | 24.1                |
| 40              | QPSK       | 100     | 0         | 23.34                 | 23.38                    | 23.29                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.31                 | 23.39                    | 23.30                  | 24.1                |
| 40              | 64QAM      | 1       | 1         | 21.89                 | 21.93                    | 21.87                  | 22.6                |
| 40              | 256QAM     | 1       | 1         | 20.03                 | 20.12                    | 19.98                  | 20.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.28                    | 24.23                  | 25.1                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.25                    | 24.27                  | 25.1                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.42                    | 24.30                  | 25.1                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.27                    | 24.25                  | 25.1                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.24                    | 24.27                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.35                 | 18.46                    | 18.37                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 18.34                 | 18.38                    | 18.32                  | 18.8                |
| 40              | PI/2 BPSK  | 1       | 104       | 18.25                 | 18.39                    | 18.28                  | 18.8                |
| 40              | PI/2 BPSK  | 50      | 0         | 18.23                 | 18.28                    | 18.24                  |                     |
| 40              | PI/2 BPSK  | 50      | 28        | 18.43                 | 18.43                    | 18.35                  | 18.8                |
| 40              | PI/2 BPSK  | 50      | 56        | 18.36                 | 18.36                    | 18.33                  | 18.8                |
| 40              | PI/2 BPSK  | 100     | 0         | 18.43                 | 18.45                    | 18.31                  |                     |
| 40              | QPSK       | 1       | 1         | 18.33                 | 18.29                    | 18.34                  | 18.8                |
| 40              | QPSK       | 1       | 53        | 18.30                 | 18.33                    | 18.25                  |                     |
| 40              | QPSK       | 1       | 104       | 18.24                 | 18.30                    | 18.35                  |                     |
| 40              | QPSK       | 50      | 0         | 18.27                 | 18.37                    | 18.26                  | 18.8                |
| 40              | QPSK       | 50      | 28        | 18.23                 | 18.34                    | 18.32                  | 18.8                |
| 40              | QPSK       | 50      | 56        | 18.33                 | 18.32                    | 18.41                  | 18.8                |
| 40              | QPSK       | 100     | 0         | 18.32                 | 18.29                    | 18.27                  |                     |
| 40              | 16QAM      | 1       | 1         | 18.37                 | 18.40                    | 18.28                  | 18.8                |
| 40              | 64QAM      | 1       | 1         | 18.30                 | 18.28                    | 18.33                  | 18.8                |
| 40              | 256QAM     | 1       | 1         | 18.28                 | 18.44                    | 18.21                  | 18.8                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.31                 | 18.40                    | 18.30                  | 18.8                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.16                 | 18.44                    | 18.26                  | 18.8                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.21                 | 18.33                    | 18.23                  | 18.8                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.35                 | 18.26                    | 18.24                  | 18.8                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.35                    | 18.35                  | 18.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.19                    | 24.21                  | 25.1                |
| 40              | PI/2 BPSK  | 1       | 53        | 24.06                 | 24.15                    | 24.11                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 24.08                 | 24.13                    | 24.09                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 23.63                 | 23.68                    | 23.62                  | 24.6                |
| 40              | PI/2 BPSK  | 50      | 28        | 24.08                 | 24.11                    | 24.12                  | 25.1                |
| 40              | PI/2 BPSK  | 50      | 56        | 23.54                 | 23.61                    | 23.57                  | 24.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 23.56                 | 23.60                    | 23.59                  |                     |
| 40              | QPSK       | 1       | 1         | 24.07                 | 24.17                    | 24.11                  | 25.1                |
| 40              | QPSK       | 1       | 53        | 24.05                 | 24.15                    | 24.09                  |                     |
| 40              | QPSK       | 1       | 104       | 24.14                 | 24.16                    | 24.08                  |                     |
| 40              | QPSK       | 50      | 0         | 23.14                 | 23.16                    | 23.14                  | 24.1                |
| 40              | QPSK       | 50      | 28        | 24.08                 | 24.13                    | 24.14                  | 25.1                |
| 40              | QPSK       | 50      | 56        | 23.06                 | 23.12                    | 23.04                  | 24.1                |
| 40              | QPSK       | 100     | 0         | 23.11                 | 23.13                    | 23.07                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.07                 | 23.14                    | 23.15                  | 24.1                |
| 40              | 64QAM      | 1       | 1         | 21.65                 | 21.69                    | 21.63                  | 22.6                |
| 40              | 256QAM     | 1       | 1         | 19.77                 | 19.86                    | 19.85                  | 20.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.09                    | 24.12                  | 25.1                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.06                 | 24.16                    | 24.15                  | 25.1                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.09                    | 24.08                  | 25.1                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.18                 | 24.01                    | 24.14                  | 25.1                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.14                 | 24.05                    | 24.19                  | 25.1                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 518000                | 519000                   | 520000                 |                     |       |       |      |
| Frequency (MHz) | 2590                  | 2595                     | 2600                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 23.84               | 23.86 | 23.81 | 24.8 |
| 40              | PI/2 BPSK             | 1                        | 53                     | 23.68               | 23.75 | 23.62 |      |
| 40              | PI/2 BPSK             | 1                        | 104                    | 23.58               | 23.67 | 23.52 |      |
| 40              | PI/2 BPSK             | 50                       | 0                      | 23.20               | 23.27 | 23.14 | 24.3 |
| 40              | PI/2 BPSK             | 50                       | 28                     | 23.74               | 23.76 | 23.69 | 24.8 |
| 40              | PI/2 BPSK             | 50                       | 56                     | 23.10               | 23.19 | 23.05 | 24.3 |
| 40              | PI/2 BPSK             | 100                      | 0                      | 23.11               | 23.21 | 23.11 |      |
| 40              | QPSK                  | 1                        | 1                      | 23.73               | 23.85 | 23.80 | 24.8 |
| 40              | QPSK                  | 1                        | 53                     | 23.73               | 23.75 | 23.70 |      |
| 40              | QPSK                  | 1                        | 104                    | 23.61               | 23.71 | 23.59 |      |
| 40              | QPSK                  | 50                       | 0                      | 22.73               | 22.76 | 22.70 | 23.8 |
| 40              | QPSK                  | 50                       | 28                     | 23.64               | 23.76 | 23.68 | 24.8 |
| 40              | QPSK                  | 50                       | 56                     | 22.67               | 22.69 | 22.58 | 23.8 |
| 40              | QPSK                  | 100                      | 0                      | 22.60               | 22.72 | 22.62 |      |
| 40              | 16QAM                 | 1                        | 1                      | 22.74               | 22.78 | 22.66 | 23.8 |
| 40              | 64QAM                 | 1                        | 1                      | 21.25               | 21.33 | 21.28 | 22.3 |
| 40              | 256QAM                | 1                        | 1                      | 19.45               | 19.51 | 19.44 | 20.3 |
| Channel         | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 2585                  | 2595                     | 2605                   |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 23.64               | 23.84 | 23.71 | 24.8 |
| Channel         | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 2582.5                | 2595                     | 2607.5                 |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 23.78               | 23.66 | 23.72 | 24.8 |
| Channel         | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 2580                  | 2595                     | 2610                   |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 23.73               | 23.66 | 23.69 | 24.8 |
| Channel         | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 2577.5                | 2595                     | 2612.5                 |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 23.76               | 23.82 | 23.70 | 24.8 |
| Channel         | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 2575                  | 2595                     | 2615                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 23.71               | 23.77 | 23.70 | 24.8 |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK             | 1                        | 1                      | 18.8                |
| 40              | PI/2 BPSK             | 1                        | 53                     |                     |
| 40              | PI/2 BPSK             | 1                        | 104                    |                     |
| 40              | PI/2 BPSK             | 50                       | 0                      | 18.8                |
| 40              | PI/2 BPSK             | 50                       | 28                     | 18.8                |
| 40              | PI/2 BPSK             | 50                       | 56                     | 18.8                |
| 40              | PI/2 BPSK             | 100                      | 0                      |                     |
| 40              | QPSK                  | 1                        | 1                      | 18.8                |
| 40              | QPSK                  | 1                        | 53                     |                     |
| 40              | QPSK                  | 1                        | 104                    |                     |
| 40              | QPSK                  | 50                       | 0                      | 18.8                |
| 40              | QPSK                  | 50                       | 28                     | 18.8                |
| 40              | QPSK                  | 50                       | 56                     | 18.8                |
| 40              | QPSK                  | 100                      | 0                      |                     |
| 40              | 16QAM                 | 1                        | 1                      | 18.8                |
| 40              | 64QAM                 | 1                        | 1                      | 18.8                |
| 40              | 256QAM                | 1                        | 1                      | 18.8                |
| Channel         | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK             | 1                        | 1                      | 18.8                |
| Channel         | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK             | 1                        | 1                      | 18.8                |
| Channel         | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK             | 1                        | 1                      | 18.8                |
| Channel         | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK             | 1                        | 1                      | 18.8                |
| Channel         | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK             | 1                        | 1                      | 18.8                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|------|
| Channel         | 518000                | 519000                   | 520000                 |                     |      |
| Frequency (MHz) | 2590                  | 2595                     | 2600                   |                     |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 18.35               | 18.6 |
| 40              | PI/2 BPSK             | 1                        | 53                     | 18.34               |      |
| 40              | PI/2 BPSK             | 1                        | 104                    | 18.25               |      |
| 40              | PI/2 BPSK             | 50                       | 0                      | 18.23               | 18.6 |
| 40              | PI/2 BPSK             | 50                       | 28                     | 18.43               | 18.6 |
| 40              | PI/2 BPSK             | 50                       | 56                     | 18.36               | 18.6 |
| 40              | PI/2 BPSK             | 100                      | 0                      | 18.43               |      |
| 40              | QPSK                  | 1                        | 1                      | 18.33               | 18.6 |
| 40              | QPSK                  | 1                        | 53                     | 18.30               |      |
| 40              | QPSK                  | 1                        | 104                    | 18.24               |      |
| 40              | QPSK                  | 50                       | 0                      | 18.27               | 18.6 |
| 40              | QPSK                  | 50                       | 28                     | 18.23               | 18.6 |
| 40              | QPSK                  | 50                       | 56                     | 18.33               | 18.6 |
| 40              | QPSK                  | 100                      | 0                      | 18.32               |      |
| 40              | 16QAM                 | 1                        | 1                      | 18.37               | 18.6 |
| 40              | 64QAM                 | 1                        | 1                      | 18.30               | 18.6 |
| 40              | 256QAM                | 1                        | 1                      | 18.28               | 18.6 |
| Channel         | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 2585                  | 2595                     | 2605                   |                     |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 18.31               | 18.6 |
| Channel         | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 2582.5                | 2595                     | 2607.5                 |                     |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 18.16               | 18.6 |
| Channel         | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 2580                  | 2595                     | 2610                   |                     |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 18.21               | 18.6 |
| Channel         | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 2577.5                | 2595                     | 2612.5                 |                     |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 18.35               | 18.6 |
| Channel         | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 2575                  | 2595                     | 2615                   |                     |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 18.23               | 18.6 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.96                 | 20.99                    | 20.89                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 20.91                 | 20.83                    | 20.86                  | 21.1                |
| 40              | PI/2 BPSK  | 1       | 104       | 20.81                 | 20.81                    | 20.78                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 20.84                 | 20.85                    | 20.86                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 28        | 20.88                 | 20.89                    | 20.89                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 56        | 20.81                 | 20.81                    | 20.87                  | 21.1                |
| 40              | PI/2 BPSK  | 100     | 0         | 20.82                 | 20.84                    | 20.73                  |                     |
| 40              | QPSK       | 1       | 1         | 20.80                 | 20.80                    | 20.86                  | 21.1                |
| 40              | QPSK       | 1       | 53        | 20.87                 | 20.87                    | 20.82                  |                     |
| 40              | QPSK       | 1       | 104       | 20.71                 | 20.91                    | 20.87                  |                     |
| 40              | QPSK       | 50      | 0         | 20.85                 | 20.84                    | 20.94                  | 21.1                |
| 40              | QPSK       | 50      | 28        | 20.82                 | 20.82                    | 20.87                  | 21.1                |
| 40              | QPSK       | 50      | 56        | 20.91                 | 20.91                    | 20.84                  | 21.1                |
| 40              | QPSK       | 100     | 0         | 20.85                 | 20.92                    | 20.81                  |                     |
| 40              | 16QAM      | 1       | 1         | 20.96                 | 20.80                    | 20.97                  | 21.1                |
| 40              | 64QAM      | 1       | 1         | 20.91                 | 20.94                    | 20.68                  | 21.1                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.81                    | 19.75                  | 20.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.83                 | 20.89                    | 20.88                  | 21.1                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | 21.1                |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.84                 | 20.82                    | 20.74                  | 21.1                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.90                 | 20.94                    | 20.81                  | 21.1                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | 21.1                |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.86                 | 20.91                    | 20.70                  | 21.1                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | 21.1                |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.94                    | 20.80                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.58                    | 22.23                  | 22.8                |
| 40              | PI/2 BPSK  | 1       | 53        | 22.28                 | 22.42                    | 22.03                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 22.29                 | 22.21                    | 22.13                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.34                 | 22.29                    | 22.44                  | 22.8                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.19                 | 22.50                    | 22.46                  | 22.8                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.20                 | 22.48                    | 22.32                  | 22.8                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.04                 | 22.21                    | 22.12                  |                     |
| 40              | QPSK       | 1       | 1         | 22.37                 | 22.39                    | 22.23                  | 22.8                |
| 40              | QPSK       | 1       | 53        | 22.45                 | 22.24                    | 22.40                  |                     |
| 40              | QPSK       | 1       | 104       | 22.36                 | 22.37                    | 22.06                  |                     |
| 40              | QPSK       | 50      | 0         | 22.35                 | 22.29                    | 22.44                  | 22.8                |
| 40              | QPSK       | 50      | 28        | 22.33                 | 22.56                    | 22.23                  | 22.8                |
| 40              | QPSK       | 50      | 56        | 22.41                 | 22.38                    | 22.25                  | 22.8                |
| 40              | QPSK       | 100     | 0         | 22.37                 | 22.41                    | 22.12                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.32                 | 22.23                    | 22.17                  | 22.8                |
| 40              | 64QAM      | 1       | 1         | 21.23                 | 21.42                    | 21.29                  | 22.3                |
| 40              | 256QAM     | 1       | 1         | 19.59                 | 19.66                    | 19.32                  | 20.3                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.34                    | 22.46                  | 22.8                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.24                    | 22.50                  | 22.8                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.44                  | 22.8                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.51                 | 22.57                    | 22.48                  | 22.8                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.49                    | 22.20                  | 22.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 20.4                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.28                 | 19.30                    | 19.29                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 19.09                 | 19.19                    | 19.11                  | 20.4                |
| 40              | PI/2 BPSK  | 1       | 104       | 19.11                 | 19.19                    | 19.12                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 19.21                 | 19.18                    | 19.20                  | 20.4                |
| 40              | PI/2 BPSK  | 50      | 28        | 19.21                 | 19.29                    | 19.24                  | 20.4                |
| 40              | PI/2 BPSK  | 50      | 56        | 19.22                 | 19.18                    | 19.23                  | 20.4                |
| 40              | PI/2 BPSK  | 100     | 0         | 19.23                 | 19.25                    | 19.24                  |                     |
| 40              | QPSK       | 1       | 1         | 19.28                 | 19.10                    | 19.11                  | 20.4                |
| 40              | QPSK       | 1       | 53        | 19.13                 | 19.28                    | 19.28                  |                     |
| 40              | QPSK       | 1       | 104       | 19.25                 | 19.12                    | 19.27                  |                     |
| 40              | QPSK       | 50      | 0         | 19.16                 | 19.18                    | 19.10                  | 20.4                |
| 40              | QPSK       | 50      | 28        | 19.23                 | 19.11                    | 19.11                  | 20.4                |
| 40              | QPSK       | 50      | 56        | 19.16                 | 19.14                    | 19.24                  | 20.4                |
| 40              | QPSK       | 100     | 0         | 19.19                 | 19.22                    | 19.15                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.16                 | 19.23                    | 19.29                  | 20.4                |
| 40              | 64QAM      | 1       | 1         | 19.12                 | 19.25                    | 19.28                  | 20.4                |
| 40              | 256QAM     | 1       | 1         | 19.18                 | 19.25                    | 19.13                  | 20.4                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.17                 | 19.17                    | 19.14                  | 20.4                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.28                    | 19.18                  | 20.4                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.24                 | 19.26                    | 19.09                  | 20.4                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.14                 | 19.28                    | 19.24                  | 20.4                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.20                 | 19.26                    | 19.19                  | 20.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 20.4                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.27                    | 19.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 19.08                 | 19.12                    | 19.21                  | 20.4                |
| 40              | PI/2 BPSK  | 1       | 104       | 19.26                 | 19.15                    | 19.10                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 19.21                 | 19.19                    | 19.07                  | 20.4                |
| 40              | PI/2 BPSK  | 50      | 28        | 19.23                 | 19.25                    | 19.23                  | 20.4                |
| 40              | PI/2 BPSK  | 50      | 56        | 19.17                 | 19.22                    | 19.21                  | 20.4                |
| 40              | PI/2 BPSK  | 100     | 0         | 19.19                 | 19.20                    | 19.16                  |                     |
| 40              | QPSK       | 1       | 1         | 19.12                 | 19.13                    | 19.17                  | 20.4                |
| 40              | QPSK       | 1       | 53        | 19.21                 | 19.22                    | 19.23                  |                     |
| 40              | QPSK       | 1       | 104       | 19.23                 | 19.11                    | 19.26                  |                     |
| 40              | QPSK       | 50      | 0         | 19.24                 | 19.23                    | 19.21                  | 20.4                |
| 40              | QPSK       | 50      | 28        | 19.06                 | 19.25                    | 19.11                  | 20.4                |
| 40              | QPSK       | 50      | 56        | 19.12                 | 19.18                    | 19.21                  | 20.4                |
| 40              | QPSK       | 100     | 0         | 19.15                 | 19.14                    | 19.15                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.07                 | 19.20                    | 19.23                  | 20.4                |
| 40              | 64QAM      | 1       | 1         | 19.04                 | 19.06                    | 19.02                  | 20.4                |
| 40              | 256QAM     | 1       | 1         | 19.03                 | 19.06                    | 19.02                  | 20.4                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.20                 | 19.21                    | 19.09                  | 20.4                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.18                    | 19.17                  | 20.4                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.07                    | 19.07                  | 20.4                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.15                 | 19.11                    | 19.25                  | 20.4                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.07                 | 19.16                    | 19.08                  | 20.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.96                 | 20.99                    | 20.89                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 20.91                 | 20.83                    | 20.86                  | 21.9                |
| 40              | PI/2 BPSK  | 1       | 104       | 20.81                 | 20.81                    | 20.78                  | 21.9                |
| 40              | PI/2 BPSK  | 50      | 0         | 20.84                 | 20.85                    | 20.86                  |                     |
| 40              | PI/2 BPSK  | 50      | 28        | 20.88                 | 20.89                    | 20.89                  | 21.9                |
| 40              | PI/2 BPSK  | 50      | 56        | 20.81                 | 20.81                    | 20.87                  | 21.9                |
| 40              | PI/2 BPSK  | 100     | 0         | 20.82                 | 20.84                    | 20.73                  |                     |
| 40              | QPSK       | 1       | 1         | 20.80                 | 20.80                    | 20.86                  | 21.9                |
| 40              | QPSK       | 1       | 53        | 20.87                 | 20.87                    | 20.82                  |                     |
| 40              | QPSK       | 1       | 104       | 20.71                 | 20.91                    | 20.87                  |                     |
| 40              | QPSK       | 50      | 0         | 20.85                 | 20.84                    | 20.94                  | 21.9                |
| 40              | QPSK       | 50      | 28        | 20.82                 | 20.82                    | 20.87                  | 21.9                |
| 40              | QPSK       | 50      | 56        | 20.91                 | 20.91                    | 20.84                  | 21.9                |
| 40              | QPSK       | 100     | 0         | 20.85                 | 20.92                    | 20.81                  |                     |
| 40              | 16QAM      | 1       | 1         | 20.96                 | 20.80                    | 20.97                  | 21.9                |
| 40              | 64QAM      | 1       | 1         | 20.91                 | 20.94                    | 20.68                  | 21.9                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.81                    | 19.75                  | 20.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.83                 | 20.89                    | 20.88                  | 21.9                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.84                 | 20.82                    | 20.74                  | 21.9                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.90                 | 20.94                    | 20.81                  | 21.9                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.86                 | 20.91                    | 20.70                  | 21.9                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.94                    | 20.80                  | 21.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 23.6                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.58                    | 22.23                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 22.28                 | 22.42                    | 22.03                  | 23.6                |
| 40              | PI/2 BPSK  | 1       | 104       | 22.29                 | 22.21                    | 22.13                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.34                 | 22.29                    | 22.44                  | 23.6                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.19                 | 22.50                    | 22.46                  | 23.6                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.20                 | 22.48                    | 22.32                  | 23.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.04                 | 22.21                    | 22.12                  |                     |
| 40              | QPSK       | 1       | 1         | 22.37                 | 22.39                    | 22.23                  | 23.6                |
| 40              | QPSK       | 1       | 53        | 22.45                 | 22.24                    | 22.40                  |                     |
| 40              | QPSK       | 1       | 104       | 22.36                 | 22.37                    | 22.06                  |                     |
| 40              | QPSK       | 50      | 0         | 22.35                 | 22.29                    | 22.44                  | 23.6                |
| 40              | QPSK       | 50      | 28        | 22.33                 | 22.56                    | 22.23                  | 23.6                |
| 40              | QPSK       | 50      | 56        | 22.41                 | 22.38                    | 22.25                  | 23.6                |
| 40              | QPSK       | 100     | 0         | 22.37                 | 22.41                    | 22.12                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.32                 | 22.23                    | 22.17                  | 23.6                |
| 40              | 64QAM      | 1       | 1         | 21.23                 | 21.42                    | 21.29                  | 22.3                |
| 40              | 256QAM     | 1       | 1         | 19.59                 | 19.66                    | 19.32                  | 20.3                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.34                    | 22.46                  | 23.6                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.24                    | 22.50                  | 23.6                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.44                  | 23.6                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.51                 | 22.57                    | 22.48                  | 23.6                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.49                    | 22.20                  | 23.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.28                 | 19.30                    | 19.29                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 19.09                 | 19.19                    | 19.11                  | 19.6                |
| 40              | PI/2 BPSK  | 1       | 104       | 19.11                 | 19.19                    | 19.12                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 19.21                 | 19.18                    | 19.20                  | 19.6                |
| 40              | PI/2 BPSK  | 50      | 28        | 19.21                 | 19.29                    | 19.24                  | 19.6                |
| 40              | PI/2 BPSK  | 50      | 56        | 19.22                 | 19.18                    | 19.23                  | 19.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 19.23                 | 19.25                    | 19.24                  |                     |
| 40              | QPSK       | 1       | 1         | 19.28                 | 19.10                    | 19.11                  | 19.6                |
| 40              | QPSK       | 1       | 53        | 19.13                 | 19.28                    | 19.28                  |                     |
| 40              | QPSK       | 1       | 104       | 19.25                 | 19.12                    | 19.27                  |                     |
| 40              | QPSK       | 50      | 0         | 19.16                 | 19.18                    | 19.10                  | 19.6                |
| 40              | QPSK       | 50      | 28        | 19.23                 | 19.11                    | 19.11                  | 19.6                |
| 40              | QPSK       | 50      | 56        | 19.16                 | 19.14                    | 19.24                  | 19.6                |
| 40              | QPSK       | 100     | 0         | 19.19                 | 19.22                    | 19.15                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.16                 | 19.23                    | 19.29                  | 19.6                |
| 40              | 64QAM      | 1       | 1         | 19.12                 | 19.25                    | 19.28                  | 19.6                |
| 40              | 256QAM     | 1       | 1         | 19.18                 | 19.25                    | 19.13                  | 19.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.17                 | 19.17                    | 19.14                  | 19.6                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | 19.6                |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.28                    | 19.18                  | 19.6                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.24                 | 19.26                    | 19.09                  | 19.6                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | 19.6                |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.14                 | 19.28                    | 19.24                  | 19.6                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.20                 | 19.26                    | 19.19                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.27                    | 19.26                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 19.08                 | 19.12                    | 19.21                  | 19.6                |
| 40              | PI/2 BPSK  | 1       | 104       | 19.26                 | 19.15                    | 19.10                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 19.21                 | 19.19                    | 19.07                  | 19.6                |
| 40              | PI/2 BPSK  | 50      | 28        | 19.23                 | 19.25                    | 19.23                  | 19.6                |
| 40              | PI/2 BPSK  | 50      | 56        | 19.17                 | 19.22                    | 19.21                  | 19.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 19.19                 | 19.20                    | 19.16                  |                     |
| 40              | QPSK       | 1       | 1         | 19.12                 | 19.13                    | 19.17                  | 19.6                |
| 40              | QPSK       | 1       | 53        | 19.21                 | 19.22                    | 19.23                  |                     |
| 40              | QPSK       | 1       | 104       | 19.23                 | 19.11                    | 19.26                  |                     |
| 40              | QPSK       | 50      | 0         | 19.24                 | 19.23                    | 19.21                  | 19.6                |
| 40              | QPSK       | 50      | 28        | 19.06                 | 19.25                    | 19.11                  | 19.6                |
| 40              | QPSK       | 50      | 56        | 19.12                 | 19.18                    | 19.21                  | 19.6                |
| 40              | QPSK       | 100     | 0         | 19.15                 | 19.14                    | 19.15                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.07                 | 19.20                    | 19.23                  | 19.6                |
| 40              | 64QAM      | 1       | 1         | 19.04                 | 19.06                    | 19.02                  | 19.6                |
| 40              | 256QAM     | 1       | 1         | 19.03                 | 19.06                    | 19.02                  | 19.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.20                 | 19.21                    | 19.09                  | 19.6                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | 19.6                |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.18                    | 19.17                  | 19.6                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.26                 | 19.07                    | 19.07                  | 19.6                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | 19.6                |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.15                 | 19.11                    | 19.25                  | 19.6                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | 19.6                |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.07                 | 19.16                    | 19.08                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 |                     |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.96                 | 20.99                    | 20.89                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 20.91                 | 20.83                    | 20.86                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 20.81                 | 20.81                    | 20.78                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 20.84                 | 20.85                    | 20.86                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 28        | 20.88                 | 20.89                    | 20.89                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 56        | 20.81                 | 20.81                    | 20.87                  |                     |
| 40              | PI/2 BPSK  | 100     | 0         | 20.82                 | 20.84                    | 20.73                  | 21.1                |
| 40              | QPSK       | 1       | 1         | 20.80                 | 20.80                    | 20.86                  | 21.1                |
| 40              | QPSK       | 1       | 53        | 20.87                 | 20.87                    | 20.82                  |                     |
| 40              | QPSK       | 1       | 104       | 20.71                 | 20.91                    | 20.87                  |                     |
| 40              | QPSK       | 50      | 0         | 20.85                 | 20.84                    | 20.94                  | 21.1                |
| 40              | QPSK       | 50      | 28        | 20.82                 | 20.82                    | 20.87                  | 21.1                |
| 40              | QPSK       | 50      | 56        | 20.91                 | 20.91                    | 20.84                  |                     |
| 40              | QPSK       | 100     | 0         | 20.85                 | 20.92                    | 20.81                  | 21.1                |
| 40              | 16QAM      | 1       | 1         | 20.96                 | 20.80                    | 20.97                  | 21.1                |
| 40              | 64QAM      | 1       | 1         | 20.91                 | 20.94                    | 20.68                  | 21.1                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.81                    | 19.75                  | 20.6                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.83                 | 20.89                    | 20.88                  | 21.1                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.84                 | 20.82                    | 20.74                  | 21.1                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.90                 | 20.94                    | 20.81                  | 21.1                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.86                 | 20.91                    | 20.70                  | 21.1                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.92                 | 20.94                    | 20.80                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 518000                | 519000                   | 520000                 | 22.8                |
| Frequency (MHz) |            |         |           | 2590                  | 2595                     | 2600                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.58                    | 22.23                  |                     |
| 40              | PI/2 BPSK  | 1       | 53        | 22.28                 | 22.42                    | 22.03                  | 22.8                |
| 40              | PI/2 BPSK  | 1       | 104       | 22.29                 | 22.21                    | 22.13                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.34                 | 22.29                    | 22.44                  | 22.8                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.19                 | 22.50                    | 22.46                  | 22.8                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.20                 | 22.48                    | 22.32                  | 22.8                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.04                 | 22.21                    | 22.12                  |                     |
| 40              | QPSK       | 1       | 1         | 22.37                 | 22.39                    | 22.23                  | 22.8                |
| 40              | QPSK       | 1       | 53        | 22.45                 | 22.24                    | 22.40                  |                     |
| 40              | QPSK       | 1       | 104       | 22.36                 | 22.37                    | 22.06                  |                     |
| 40              | QPSK       | 50      | 0         | 22.35                 | 22.29                    | 22.44                  | 22.8                |
| 40              | QPSK       | 50      | 28        | 22.33                 | 22.56                    | 22.23                  | 22.8                |
| 40              | QPSK       | 50      | 56        | 22.41                 | 22.38                    | 22.25                  | 22.8                |
| 40              | QPSK       | 100     | 0         | 22.37                 | 22.41                    | 22.12                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.32                 | 22.23                    | 22.17                  | 22.8                |
| 40              | 64QAM      | 1       | 1         | 21.23                 | 21.42                    | 21.29                  | 22.3                |
| 40              | 256QAM     | 1       | 1         | 19.59                 | 19.66                    | 19.32                  | 20.3                |
| Channel         |            |         |           | 517000                | 519000                   | 521000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2585                  | 2595                     | 2605                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.34                    | 22.46                  | 22.8                |
| Channel         |            |         |           | 516500                | 519000                   | 521500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2582.5                | 2595                     | 2607.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.24                    | 22.50                  | 22.8                |
| Channel         |            |         |           | 516000                | 519000                   | 522000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2580                  | 2595                     | 2610                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.38                    | 22.44                  | 22.8                |
| Channel         |            |         |           | 515500                | 519000                   | 522500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2577.5                | 2595                     | 2612.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.51                 | 22.57                    | 22.48                  | 22.8                |
| Channel         |            |         |           | 515000                | 519000                   | 523000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2575                  | 2595                     | 2615                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.31                 | 22.49                    | 22.20                  | 22.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.44                    | 24.52                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.25                 | 24.24                    | 24.30                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.43                 | 24.39                    | 24.44                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.79                 | 23.82                    | 23.88                  | 24.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.28                 | 24.26                    | 24.27                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.71                 | 23.73                    | 23.73                  | 24.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.80                 | 23.78                    | 23.80                  |                     |
| 100             | QPSK       | 1       | 1         | 24.47                 | 24.43                    | 24.49                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 24.20                 | 24.23                    | 24.29                  |                     |
| 100             | QPSK       | 1       | 271       | 24.42                 | 24.38                    | 24.45                  |                     |
| 100             | QPSK       | 135     | 0         | 23.26                 | 23.31                    | 23.35                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 24.26                 | 24.26                    | 24.25                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 23.28                 | 23.25                    | 23.28                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 23.23                 | 23.27                    | 23.29                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.42                 | 23.45                    | 23.49                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 21.93                 | 21.95                    | 21.98                  | 22.6                |
| 100             | 256QAM     | 1       | 1         | 20.16                 | 20.13                    | 20.15                  | 20.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.42                    | 24.37                  | 25.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.43                    | 24.36                  | 25.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.42                    | 24.36                  | 25.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.32                    | 24.51                  | 25.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.41                 | 24.25                    | 24.36                  | 25.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.32                    | 24.50                  | 25.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.47                 | 24.42                    | 24.32                  | 25.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.36                    | 24.49                  | 25.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.37                    | 24.49                  | 25.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.40                    | 24.34                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.40                 | 18.34                    | 18.28                  | 18.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 18.26                 | 18.32                    | 18.11                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 18.38                 | 18.20                    | 18.17                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.35                 | 18.17                    | 18.10                  | 18.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 18.39                 | 18.22                    | 18.24                  | 18.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.33                 | 18.14                    | 18.09                  | 18.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.27                 | 18.20                    | 18.25                  |                     |
| 100             | QPSK       | 1       | 1         | 18.22                 | 18.27                    | 18.09                  | 18.8                |
| 100             | QPSK       | 1       | 137       | 18.27                 | 18.14                    | 18.09                  |                     |
| 100             | QPSK       | 1       | 271       | 18.32                 | 18.25                    | 18.27                  |                     |
| 100             | QPSK       | 135     | 0         | 18.36                 | 18.16                    | 18.14                  | 18.8                |
| 100             | QPSK       | 135     | 69        | 18.21                 | 18.15                    | 18.28                  | 18.8                |
| 100             | QPSK       | 135     | 138       | 18.38                 | 18.14                    | 18.22                  | 18.8                |
| 100             | QPSK       | 270     | 0         | 18.35                 | 18.21                    | 18.18                  |                     |
| 100             | 16QAM      | 1       | 1         | 18.31                 | 18.26                    | 18.12                  | 18.8                |
| 100             | 64QAM      | 1       | 1         | 18.26                 | 18.14                    | 18.23                  | 18.8                |
| 100             | 256QAM     | 1       | 1         | 18.38                 | 18.21                    | 18.19                  | 18.8                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.32                 | 18.22                    | 18.28                  | 18.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.14                    | 18.09                  | 18.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.20                 | 18.33                    | 18.12                  | 18.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.16                    | 18.27                  | 18.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.21                 | 18.18                    | 18.20                  | 18.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.27                    | 18.09                  | 18.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.16                    | 18.10                  | 18.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.38                 | 18.15                    | 18.21                  | 18.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.35                 | 18.29                    | 18.13                  | 18.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.27                 | 18.26                    | 18.09                  | 18.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.00                 | 24.11                    | 24.09                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.72                 | 23.83                    | 23.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.84                 | 24.04                    | 23.98                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.27                 | 23.40                    | 23.29                  | 24.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.70                 | 23.81                    | 23.79                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.21                 | 23.34                    | 23.30                  | 24.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.16                 | 23.33                    | 23.28                  |                     |
| 100             | QPSK       | 1       | 1         | 23.94                 | 24.09                    | 23.99                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 23.64                 | 23.81                    | 23.79                  |                     |
| 100             | QPSK       | 1       | 271       | 23.86                 | 24.04                    | 23.98                  |                     |
| 100             | QPSK       | 135     | 0         | 22.70                 | 22.91                    | 22.81                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 23.63                 | 23.82                    | 23.72                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 22.72                 | 22.86                    | 22.82                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 22.68                 | 22.82                    | 22.71                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.91                 | 23.05                    | 22.94                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 21.36                 | 21.55                    | 21.51                  | 22.6                |
| 100             | 256QAM     | 1       | 1         | 19.53                 | 19.73                    | 19.61                  | 20.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.86                 | 24.04                    | 23.96                  | 25.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.96                 | 24.10                    | 23.99                  | 25.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.91                 | 24.05                    | 23.95                  | 25.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.82                 | 23.95                    | 24.04                  | 25.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.90                 | 24.06                    | 24.01                  | 25.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.97                 | 24.03                    | 24.00                  | 25.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.96                 | 23.92                    | 23.92                  | 25.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.01                    | 24.00                  | 25.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.81                 | 24.10                    | 23.96                  | 25.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.80                 | 23.96                    | 23.96                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.02                    | 23.82                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.69                 | 23.65                    | 23.40                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.76                 | 23.78                    | 23.49                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.23                 | 23.27                    | 22.98                  | 24.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.64                 | 23.63                    | 23.38                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.22                 | 23.16                    | 22.95                  | 24.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.19                 | 23.15                    | 22.88                  |                     |
| 100             | QPSK       | 1       | 1         | 23.98                 | 24.00                    | 23.75                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 23.64                 | 23.64                    | 23.42                  |                     |
| 100             | QPSK       | 1       | 271       | 23.80                 | 23.80                    | 23.52                  |                     |
| 100             | QPSK       | 135     | 0         | 22.74                 | 22.78                    | 22.54                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 23.66                 | 23.66                    | 23.45                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 22.63                 | 22.64                    | 22.34                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 22.72                 | 22.67                    | 22.39                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.04                 | 23.00                    | 22.78                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 21.45                 | 21.46                    | 21.18                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 19.65                 | 19.63                    | 19.41                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.02                    | 23.80                  | 25.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.03                 | 23.82                    | 23.70                  | 25.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.87                    | 23.80                  | 25.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.88                 | 23.99                    | 23.76                  | 25.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.02                    | 23.80                  | 25.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.00                    | 23.66                  | 25.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.96                 | 23.85                    | 23.73                  | 25.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.06                 | 23.98                    | 23.70                  | 25.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.89                 | 23.94                    | 23.74                  | 25.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.05                 | 23.86                    | 23.79                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.27                 | 18.33                    | 18.35                  | 18.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 18.26                 | 18.23                    | 18.19                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 18.11                 | 18.20                    | 18.21                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.17                 | 18.14                    | 18.29                  | 18.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 18.22                 | 18.33                    | 18.34                  | 18.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.19                 | 18.15                    | 18.29                  | 18.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.16                 | 18.16                    | 18.26                  |                     |
| 100             | QPSK       | 1       | 1         | 18.16                 | 18.30                    | 18.19                  | 18.8                |
| 100             | QPSK       | 1       | 137       | 18.27                 | 18.20                    | 18.33                  |                     |
| 100             | QPSK       | 1       | 271       | 18.21                 | 18.32                    | 18.30                  |                     |
| 100             | QPSK       | 135     | 0         | 18.26                 | 18.13                    | 18.29                  | 18.8                |
| 100             | QPSK       | 135     | 69        | 18.26                 | 18.18                    | 18.21                  | 18.8                |
| 100             | QPSK       | 135     | 138       | 18.10                 | 18.29                    | 18.31                  | 18.8                |
| 100             | QPSK       | 270     | 0         | 18.19                 | 18.30                    | 18.17                  |                     |
| 100             | 16QAM      | 1       | 1         | 18.23                 | 18.17                    | 18.16                  | 18.8                |
| 100             | 64QAM      | 1       | 1         | 18.24                 | 18.30                    | 18.21                  | 18.8                |
| 100             | 256QAM     | 1       | 1         | 18.15                 | 18.26                    | 18.28                  | 18.8                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.11                 | 18.19                    | 18.33                  | 18.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.08                 | 18.25                    | 18.34                  | 18.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.29                    | 18.26                  | 18.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.11                 | 18.19                    | 18.28                  | 18.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.12                 | 18.18                    | 18.33                  | 18.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.15                 | 18.28                    | 18.30                  | 18.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.19                    | 18.30                  | 18.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.09                 | 18.21                    | 18.19                  | 18.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.08                 | 18.28                    | 18.21                  | 18.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.16                 | 18.14                    | 18.21                  | 18.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.40                 | 18.34                    | 18.28                  | 18.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 18.26                 | 18.32                    | 18.11                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 18.38                 | 18.20                    | 18.17                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.35                 | 18.17                    | 18.10                  | 18.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 18.39                 | 18.22                    | 18.24                  | 18.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.33                 | 18.14                    | 18.09                  | 18.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.27                 | 18.20                    | 18.25                  |                     |
| 100             | QPSK       | 1       | 1         | 18.22                 | 18.27                    | 18.09                  | 18.6                |
| 100             | QPSK       | 1       | 137       | 18.27                 | 18.14                    | 18.09                  |                     |
| 100             | QPSK       | 1       | 271       | 18.32                 | 18.25                    | 18.27                  |                     |
| 100             | QPSK       | 135     | 0         | 18.36                 | 18.16                    | 18.14                  | 18.6                |
| 100             | QPSK       | 135     | 69        | 18.21                 | 18.15                    | 18.28                  | 18.6                |
| 100             | QPSK       | 135     | 138       | 18.38                 | 18.14                    | 18.22                  | 18.6                |
| 100             | QPSK       | 270     | 0         | 18.35                 | 18.21                    | 18.18                  |                     |
| 100             | 16QAM      | 1       | 1         | 18.31                 | 18.26                    | 18.12                  | 18.6                |
| 100             | 64QAM      | 1       | 1         | 18.26                 | 18.14                    | 18.23                  | 18.6                |
| 100             | 256QAM     | 1       | 1         | 18.38                 | 18.21                    | 18.19                  | 18.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.32                 | 18.22                    | 18.28                  | 18.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.14                    | 18.09                  | 18.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.20                 | 18.33                    | 18.12                  | 18.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.16                    | 18.27                  | 18.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.21                 | 18.18                    | 18.20                  | 18.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.26                 | 18.27                    | 18.09                  | 18.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.16                    | 18.10                  | 18.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.38                 | 18.15                    | 18.21                  | 18.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.35                 | 18.29                    | 18.13                  | 18.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.27                 | 18.26                    | 18.09                  | 18.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.84                    | 20.78                  | 21.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.67                 | 20.78                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.57                 | 20.68                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.58                 | 20.67                    | 20.71                  | 21.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.75                 | 20.80                    | 20.75                  | 21.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.58                 | 20.79                    | 20.72                  | 21.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.63                 | 20.70                    | 20.74                  |                     |
| 100             | QPSK       | 1       | 1         | 20.75                 | 20.65                    | 20.68                  | 21.1                |
| 100             | QPSK       | 1       | 137       | 20.65                 | 20.76                    | 20.72                  |                     |
| 100             | QPSK       | 1       | 271       | 20.61                 | 20.67                    | 20.64                  |                     |
| 100             | QPSK       | 135     | 0         | 20.67                 | 20.76                    | 20.63                  | 21.1                |
| 100             | QPSK       | 135     | 69        | 20.75                 | 20.68                    | 20.65                  | 21.1                |
| 100             | QPSK       | 135     | 138       | 20.62                 | 20.75                    | 20.62                  | 21.1                |
| 100             | QPSK       | 270     | 0         | 20.64                 | 20.66                    | 20.64                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.69                 | 20.80                    | 20.70                  | 21.1                |
| 100             | 64QAM      | 1       | 1         | 20.61                 | 20.65                    | 20.68                  | 21.1                |
| 100             | 256QAM     | 1       | 1         | 19.60                 | 19.64                    | 19.58                  | 20.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.57                 | 20.79                    | 20.75                  | 21.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.83                    | 20.72                  | 21.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.71                    | 20.75                  | 21.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.78                    | 20.58                  | 21.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.74                 | 20.76                    | 20.58                  | 21.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.65                    | 20.67                  | 21.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.70                 | 20.79                    | 20.60                  | 21.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.75                    | 20.69                  | 21.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.64                 | 20.68                    | 20.76                  | 21.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.73                 | 20.73                    | 20.77                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.60                 | 22.68                    | 22.43                  | 22.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.39                 | 22.38                    | 22.04                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.44                 | 22.45                    | 22.22                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.24                 | 22.57                    | 21.96                  | 22.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.32                 | 22.62                    | 22.15                  | 22.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.18                 | 22.18                    | 22.09                  | 22.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.29                 | 22.38                    | 22.07                  |                     |
| 100             | QPSK       | 1       | 1         | 22.61                 | 22.66                    | 22.26                  | 22.8                |
| 100             | QPSK       | 1       | 137       | 22.20                 | 22.13                    | 22.07                  |                     |
| 100             | QPSK       | 1       | 271       | 22.45                 | 22.55                    | 22.13                  |                     |
| 100             | QPSK       | 135     | 0         | 22.39                 | 22.52                    | 21.97                  | 22.8                |
| 100             | QPSK       | 135     | 69        | 22.29                 | 22.29                    | 22.18                  | 22.8                |
| 100             | QPSK       | 135     | 138       | 22.26                 | 22.15                    | 22.10                  | 22.8                |
| 100             | QPSK       | 270     | 0         | 22.51                 | 22.34                    | 22.39                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.53                 | 22.41                    | 22.56                  | 22.8                |
| 100             | 64QAM      | 1       | 1         | 21.41                 | 21.55                    | 21.24                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 19.74                 | 19.67                    | 19.36                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.61                    | 22.47                  | 22.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.50                    | 22.44                  | 22.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.57                    | 22.37                  | 22.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.54                 | 22.41                    | 22.56                  | 22.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.66                    | 22.32                  | 22.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.31                  | 22.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.65                    | 22.34                  | 22.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.63                    | 22.43                  | 22.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.50                    | 22.23                  | 22.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.28                  | 22.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.29                 | 19.36                    | 19.37                  | 20.4                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.12                 | 19.33                    | 19.31                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.23                 | 19.16                    | 19.18                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.16                 | 19.25                    | 19.24                  | 20.4                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.21                 | 19.27                    | 19.28                  | 20.4                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.09                 | 19.25                    | 19.26                  | 20.4                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.28                 | 19.23                    | 19.26                  |                     |
| 100             | QPSK       | 1       | 1         | 19.20                 | 19.28                    | 19.17                  | 20.4                |
| 100             | QPSK       | 1       | 137       | 19.11                 | 19.17                    | 19.30                  |                     |
| 100             | QPSK       | 1       | 271       | 19.10                 | 19.26                    | 19.21                  |                     |
| 100             | QPSK       | 135     | 0         | 19.18                 | 19.30                    | 19.31                  | 20.4                |
| 100             | QPSK       | 135     | 69        | 19.28                 | 19.24                    | 19.36                  | 20.4                |
| 100             | QPSK       | 135     | 138       | 19.12                 | 19.28                    | 19.19                  | 20.4                |
| 100             | QPSK       | 270     | 0         | 19.13                 | 19.17                    | 19.31                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.12                 | 19.33                    | 19.20                  | 20.4                |
| 100             | 64QAM      | 1       | 1         | 19.10                 | 19.35                    | 19.33                  | 20.4                |
| 100             | 256QAM     | 1       | 1         | 19.24                 | 19.30                    | 19.29                  | 20.4                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.28                    | 19.28                  | 20.4                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.21                 | 19.30                    | 19.26                  | 20.4                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.15                 | 19.25                    | 19.36                  | 20.4                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.23                 | 19.16                    | 19.34                  | 20.4                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.24                 | 19.23                    | 19.23                  | 20.4                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.24                    | 19.20                  | 20.4                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.22                 | 19.31                    | 19.25                  | 20.4                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.18                 | 19.29                    | 19.28                  | 20.4                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.18                 | 19.34                    | 19.21                  | 20.4                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.11                 | 19.25                    | 19.19                  | 20.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.43                 | 19.36                    | 19.28                  | 20.4                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.24                 | 19.17                    | 19.10                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.42                 | 19.28                    | 19.13                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.35                 | 19.28                    | 19.22                  | 20.4                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.36                 | 19.31                    | 19.28                  | 20.4                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.32                 | 19.31                    | 19.13                  | 20.4                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.40                 | 19.29                    | 19.13                  |                     |
| 100             | QPSK       | 1       | 1         | 19.32                 | 19.17                    | 19.28                  | 20.4                |
| 100             | QPSK       | 1       | 137       | 19.32                 | 19.32                    | 19.13                  |                     |
| 100             | QPSK       | 1       | 271       | 19.35                 | 19.25                    | 19.24                  |                     |
| 100             | QPSK       | 135     | 0         | 19.36                 | 19.33                    | 19.18                  | 20.4                |
| 100             | QPSK       | 135     | 69        | 19.34                 | 19.34                    | 19.16                  | 20.4                |
| 100             | QPSK       | 135     | 138       | 19.35                 | 19.21                    | 19.16                  | 20.4                |
| 100             | QPSK       | 270     | 0         | 19.35                 | 19.27                    | 19.25                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.26                 | 19.35                    | 19.16                  | 20.4                |
| 100             | 64QAM      | 1       | 1         | 19.24                 | 19.18                    | 19.22                  | 20.4                |
| 100             | 256QAM     | 1       | 1         | 19.25                 | 19.17                    | 19.01                  | 20.4                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.31                 | 19.19                    | 19.13                  | 20.4                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.28                 | 19.35                    | 19.25                  | 20.4                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.40                 | 19.28                    | 19.26                  | 20.4                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.34                 | 19.18                    | 19.12                  | 20.4                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.30                 | 19.20                    | 19.19                  | 20.4                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.32                 | 19.28                    | 19.27                  | 20.4                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.25                 | 19.33                    | 19.21                  | 20.4                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.36                    | 19.22                  | 20.4                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.21                    | 19.23                  | 20.4                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.23                 | 19.16                    | 19.23                  | 20.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.84                    | 20.78                  | 21.9                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.67                 | 20.78                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.57                 | 20.68                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.58                 | 20.67                    | 20.71                  | 21.9                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.75                 | 20.80                    | 20.75                  | 21.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.58                 | 20.79                    | 20.72                  | 21.9                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.63                 | 20.70                    | 20.74                  |                     |
| 100             | QPSK       | 1       | 1         | 20.75                 | 20.65                    | 20.68                  | 21.9                |
| 100             | QPSK       | 1       | 137       | 20.65                 | 20.76                    | 20.72                  |                     |
| 100             | QPSK       | 1       | 271       | 20.61                 | 20.67                    | 20.64                  |                     |
| 100             | QPSK       | 135     | 0         | 20.67                 | 20.76                    | 20.63                  | 21.9                |
| 100             | QPSK       | 135     | 69        | 20.75                 | 20.68                    | 20.65                  | 21.9                |
| 100             | QPSK       | 135     | 138       | 20.62                 | 20.75                    | 20.62                  | 21.9                |
| 100             | QPSK       | 270     | 0         | 20.64                 | 20.66                    | 20.64                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.69                 | 20.80                    | 20.70                  | 21.9                |
| 100             | 64QAM      | 1       | 1         | 20.61                 | 20.65                    | 20.68                  | 21.9                |
| 100             | 256QAM     | 1       | 1         | 19.60                 | 19.64                    | 19.58                  | 20.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.57                 | 20.79                    | 20.75                  | 21.9                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.83                    | 20.72                  | 21.9                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.71                    | 20.75                  | 21.9                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.78                    | 20.58                  | 21.9                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.74                 | 20.76                    | 20.58                  | 21.9                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.65                    | 20.67                  | 21.9                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.70                 | 20.79                    | 20.60                  | 21.9                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.75                    | 20.69                  | 21.9                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.64                 | 20.68                    | 20.76                  | 21.9                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.73                 | 20.73                    | 20.77                  | 21.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.60                 | 22.68                    | 22.43                  | 23.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.39                 | 22.38                    | 22.04                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.44                 | 22.45                    | 22.22                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.24                 | 22.57                    | 21.96                  | 23.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.32                 | 22.62                    | 22.15                  | 23.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.18                 | 22.18                    | 22.09                  | 23.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.29                 | 22.38                    | 22.07                  |                     |
| 100             | QPSK       | 1       | 1         | 22.61                 | 22.66                    | 22.26                  |                     |
| 100             | QPSK       | 1       | 137       | 22.20                 | 22.13                    | 22.07                  | 23.6                |
| 100             | QPSK       | 1       | 271       | 22.45                 | 22.55                    | 22.13                  |                     |
| 100             | QPSK       | 135     | 0         | 22.39                 | 22.52                    | 21.97                  |                     |
| 100             | QPSK       | 135     | 69        | 22.29                 | 22.29                    | 22.18                  | 23.6                |
| 100             | QPSK       | 135     | 138       | 22.26                 | 22.15                    | 22.10                  | 23.6                |
| 100             | QPSK       | 270     | 0         | 22.51                 | 22.34                    | 22.39                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.53                 | 22.41                    | 22.56                  |                     |
| 100             | 64QAM      | 1       | 1         | 21.41                 | 21.55                    | 21.24                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 19.74                 | 19.67                    | 19.36                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.61                    | 22.47                  | 23.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.50                    | 22.44                  | 23.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.57                    | 22.37                  | 23.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.54                 | 22.41                    | 22.56                  | 23.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.66                    | 22.32                  | 23.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.31                  | 23.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.65                    | 22.34                  | 23.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.63                    | 22.43                  | 23.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.50                    | 22.23                  | 23.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.28                  | 23.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.29                 | 19.36                    | 19.37                  | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.12                 | 19.33                    | 19.31                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.23                 | 19.16                    | 19.18                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.16                 | 19.25                    | 19.24                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.21                 | 19.27                    | 19.28                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.09                 | 19.25                    | 19.26                  | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.28                 | 19.23                    | 19.26                  |                     |
| 100             | QPSK       | 1       | 1         | 19.20                 | 19.28                    | 19.17                  | 19.6                |
| 100             | QPSK       | 1       | 137       | 19.11                 | 19.17                    | 19.30                  |                     |
| 100             | QPSK       | 1       | 271       | 19.10                 | 19.26                    | 19.21                  |                     |
| 100             | QPSK       | 135     | 0         | 19.18                 | 19.30                    | 19.31                  | 19.6                |
| 100             | QPSK       | 135     | 69        | 19.28                 | 19.24                    | 19.36                  | 19.6                |
| 100             | QPSK       | 135     | 138       | 19.12                 | 19.28                    | 19.19                  | 19.6                |
| 100             | QPSK       | 270     | 0         | 19.13                 | 19.17                    | 19.31                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.12                 | 19.33                    | 19.20                  | 19.6                |
| 100             | 64QAM      | 1       | 1         | 19.10                 | 19.35                    | 19.33                  | 19.6                |
| 100             | 256QAM     | 1       | 1         | 19.24                 | 19.30                    | 19.29                  | 19.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.28                    | 19.28                  | 19.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.21                 | 19.30                    | 19.26                  | 19.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.15                 | 19.25                    | 19.36                  | 19.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.23                 | 19.16                    | 19.34                  | 19.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.24                 | 19.23                    | 19.23                  | 19.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.13                 | 19.24                    | 19.20                  | 19.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.22                 | 19.31                    | 19.25                  | 19.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.18                 | 19.29                    | 19.28                  | 19.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.18                 | 19.34                    | 19.21                  | 19.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.11                 | 19.25                    | 19.19                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.43                 | 19.36                    | 19.28                  | 19.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.24                 | 19.17                    | 19.10                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.42                 | 19.28                    | 19.13                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.35                 | 19.28                    | 19.22                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.36                 | 19.31                    | 19.28                  | 19.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.32                 | 19.31                    | 19.13                  | 19.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.40                 | 19.29                    | 19.13                  |                     |
| 100             | QPSK       | 1       | 1         | 19.32                 | 19.17                    | 19.28                  | 19.6                |
| 100             | QPSK       | 1       | 137       | 19.32                 | 19.32                    | 19.13                  |                     |
| 100             | QPSK       | 1       | 271       | 19.35                 | 19.25                    | 19.24                  |                     |
| 100             | QPSK       | 135     | 0         | 19.36                 | 19.33                    | 19.18                  | 19.6                |
| 100             | QPSK       | 135     | 69        | 19.34                 | 19.34                    | 19.16                  | 19.6                |
| 100             | QPSK       | 135     | 138       | 19.35                 | 19.21                    | 19.16                  | 19.6                |
| 100             | QPSK       | 270     | 0         | 19.35                 | 19.27                    | 19.25                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.26                 | 19.35                    | 19.16                  | 19.6                |
| 100             | 64QAM      | 1       | 1         | 19.24                 | 19.18                    | 19.22                  | 19.6                |
| 100             | 256QAM     | 1       | 1         | 19.25                 | 19.17                    | 19.01                  | 19.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.31                 | 19.19                    | 19.13                  | 19.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.28                 | 19.35                    | 19.25                  | 19.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.40                 | 19.28                    | 19.26                  | 19.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.34                 | 19.18                    | 19.12                  | 19.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.30                 | 19.20                    | 19.19                  | 19.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.32                 | 19.28                    | 19.27                  | 19.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.25                 | 19.33                    | 19.21                  | 19.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.36                    | 19.22                  | 19.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.41                 | 19.21                    | 19.23                  | 19.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.23                 | 19.16                    | 19.23                  | 19.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.84                    | 20.78                  | 21.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.67                 | 20.78                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.57                 | 20.68                    | 20.60                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.58                 | 20.67                    | 20.71                  | 21.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.75                 | 20.80                    | 20.75                  | 21.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.58                 | 20.79                    | 20.72                  | 21.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.63                 | 20.70                    | 20.74                  |                     |
| 100             | QPSK       | 1       | 1         | 20.75                 | 20.65                    | 20.68                  | 21.1                |
| 100             | QPSK       | 1       | 137       | 20.65                 | 20.76                    | 20.72                  |                     |
| 100             | QPSK       | 1       | 271       | 20.61                 | 20.67                    | 20.64                  |                     |
| 100             | QPSK       | 135     | 0         | 20.67                 | 20.76                    | 20.63                  | 21.1                |
| 100             | QPSK       | 135     | 69        | 20.75                 | 20.68                    | 20.65                  | 21.1                |
| 100             | QPSK       | 135     | 138       | 20.62                 | 20.75                    | 20.62                  | 21.1                |
| 100             | QPSK       | 270     | 0         | 20.64                 | 20.66                    | 20.64                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.69                 | 20.80                    | 20.70                  | 21.1                |
| 100             | 64QAM      | 1       | 1         | 20.61                 | 20.65                    | 20.68                  | 21.1                |
| 100             | 256QAM     | 1       | 1         | 19.60                 | 19.64                    | 19.58                  | 20.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.57                 | 20.79                    | 20.75                  | 21.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.83                    | 20.72                  | 21.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.61                 | 20.71                    | 20.75                  | 21.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.76                 | 20.78                    | 20.58                  | 21.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.74                 | 20.76                    | 20.58                  | 21.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.68                 | 20.65                    | 20.67                  | 21.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.70                 | 20.79                    | 20.60                  | 21.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.56                 | 20.75                    | 20.69                  | 21.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.64                 | 20.68                    | 20.76                  | 21.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.73                 | 20.73                    | 20.77                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.60                 | 22.68                    | 22.43                  | 22.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.39                 | 22.38                    | 22.04                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.44                 | 22.45                    | 22.22                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.24                 | 22.57                    | 21.96                  | 22.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.32                 | 22.62                    | 22.15                  | 22.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.18                 | 22.18                    | 22.09                  | 22.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.29                 | 22.38                    | 22.07                  |                     |
| 100             | QPSK       | 1       | 1         | 22.61                 | 22.66                    | 22.26                  | 22.8                |
| 100             | QPSK       | 1       | 137       | 22.20                 | 22.13                    | 22.07                  |                     |
| 100             | QPSK       | 1       | 271       | 22.45                 | 22.55                    | 22.13                  |                     |
| 100             | QPSK       | 135     | 0         | 22.39                 | 22.52                    | 21.97                  | 22.8                |
| 100             | QPSK       | 135     | 69        | 22.29                 | 22.29                    | 22.18                  | 22.8                |
| 100             | QPSK       | 135     | 138       | 22.26                 | 22.15                    | 22.10                  | 22.8                |
| 100             | QPSK       | 270     | 0         | 22.51                 | 22.34                    | 22.39                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.53                 | 22.41                    | 22.56                  | 22.8                |
| 100             | 64QAM      | 1       | 1         | 21.41                 | 21.55                    | 21.24                  | 22.7                |
| 100             | 256QAM     | 1       | 1         | 19.74                 | 19.67                    | 19.36                  | 20.7                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.61                    | 22.47                  | 22.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.50                    | 22.44                  | 22.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.57                    | 22.37                  | 22.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.54                 | 22.41                    | 22.56                  | 22.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.42                 | 22.66                    | 22.32                  | 22.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.31                  | 22.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.65                    | 22.34                  | 22.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.63                    | 22.43                  | 22.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.50                    | 22.23                  | 22.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.64                 | 22.48                    | 22.28                  | 22.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 26.36                 | 26.37                    | 26.45                  | 27.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 26.18                 | 26.21                    | 26.27                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 26.30                 | 26.32                    | 26.38                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 25.24                 | 25.25                    | 25.33                  | 26.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 26.12                 | 26.21                    | 26.20                  | 27.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 25.06                 | 25.17                    | 25.15                  | 26.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 25.13                 | 25.22                    | 25.29                  |                     |
| 100             | QPSK       | 1       | 1         | 26.31                 | 26.35                    | 26.37                  | 27.0                |
| 100             | QPSK       | 1       | 137       | 26.14                 | 26.19                    | 26.18                  |                     |
| 100             | QPSK       | 1       | 271       | 26.22                 | 26.26                    | 26.29                  |                     |
| 100             | QPSK       | 135     | 0         | 24.70                 | 24.75                    | 24.73                  | 26.0                |
| 100             | QPSK       | 135     | 69        | 26.18                 | 26.22                    | 26.20                  | 27.0                |
| 100             | QPSK       | 135     | 138       | 24.63                 | 24.67                    | 24.65                  | 26.0                |
| 100             | QPSK       | 270     | 0         | 24.72                 | 24.74                    | 24.81                  |                     |
| 100             | 16QAM      | 1       | 1         | 25.35                 | 25.43                    | 25.41                  | 26.0                |
| 100             | 64QAM      | 1       | 1         | 23.75                 | 23.84                    | 23.86                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 22.10                 | 22.18                    | 22.17                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.26                 | 26.31                    | 26.36                  | 27.0                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.35                 | 26.23                    | 26.33                  | 27.0                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.33                 | 26.17                    | 26.39                  | 27.0                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.32                 | 26.29                    | 26.42                  | 27.0                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.34                 | 26.35                    | 26.43                  | 27.0                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.26                 | 26.27                    | 26.28                  | 27.0                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.34                 | 26.19                    | 26.35                  | 27.0                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.35                 | 26.32                    | 26.31                  | 27.0                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.20                 | 26.37                    | 26.36                  | 27.0                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.17                 | 26.36                    | 26.38                  | 27.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.34                    | 21.28                  | 21.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.29                 | 21.30                    | 21.28                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.41                 | 21.23                    | 21.18                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.33                 | 21.19                    | 21.16                  | 21.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.35                 | 21.29                    | 21.26                  | 21.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.23                 | 21.33                    | 21.23                  | 21.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.38                 | 21.26                    | 21.21                  |                     |
| 100             | QPSK       | 1       | 1         | 21.28                 | 21.19                    | 21.21                  | 21.8                |
| 100             | QPSK       | 1       | 137       | 21.27                 | 21.20                    | 21.24                  |                     |
| 100             | QPSK       | 1       | 271       | 21.27                 | 21.25                    | 21.14                  |                     |
| 100             | QPSK       | 135     | 0         | 21.41                 | 21.25                    | 21.19                  | 21.8                |
| 100             | QPSK       | 135     | 69        | 21.32                 | 21.19                    | 21.09                  | 21.8                |
| 100             | QPSK       | 135     | 138       | 21.39                 | 21.19                    | 21.27                  | 21.8                |
| 100             | QPSK       | 270     | 0         | 21.36                 | 21.29                    | 21.22                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.28                 | 21.27                    | 21.21                  | 21.8                |
| 100             | 64QAM      | 1       | 1         | 21.24                 | 21.34                    | 21.24                  | 21.8                |
| 100             | 256QAM     | 1       | 1         | 21.29                 | 21.21                    | 21.22                  | 21.8                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.19                    | 21.28                  | 21.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.28                    | 21.08                  | 21.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.33                    | 21.12                  | 21.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.21                    | 21.21                  | 21.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.19                    | 21.27                  | 21.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.31                    | 21.23                  | 21.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.14                    | 21.22                  | 21.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.28                    | 21.17                  | 21.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.21                    | 21.13                  | 21.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.24                    | 21.13                  | 21.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 25.94                 | 26.03                    | 26.00                  | 27.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 25.69                 | 25.78                    | 25.72                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 25.86                 | 26.02                    | 25.89                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.71                 | 24.85                    | 24.79                  | 26.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 25.68                 | 25.81                    | 25.72                  | 27.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.65                 | 24.80                    | 24.76                  | 26.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.59                 | 24.77                    | 24.70                  |                     |
| 100             | QPSK       | 1       | 1         | 25.93                 | 26.02                    | 25.89                  | 27.0                |
| 100             | QPSK       | 1       | 137       | 25.65                 | 25.78                    | 25.67                  |                     |
| 100             | QPSK       | 1       | 271       | 25.81                 | 25.94                    | 25.83                  |                     |
| 100             | QPSK       | 135     | 0         | 24.74                 | 24.85                    | 24.81                  | 26.0                |
| 100             | QPSK       | 135     | 69        | 25.72                 | 25.81                    | 25.76                  | 27.0                |
| 100             | QPSK       | 135     | 138       | 24.62                 | 24.80                    | 24.69                  | 26.0                |
| 100             | QPSK       | 270     | 0         | 24.65                 | 24.81                    | 24.77                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.91                 | 25.07                    | 25.04                  | 26.0                |
| 100             | 64QAM      | 1       | 1         | 23.38                 | 23.48                    | 23.44                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.60                 | 21.76                    | 21.66                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.94                 | 25.84                    | 25.88                  | 27.0                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.89                 | 25.87                    | 25.96                  | 27.0                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.84                 | 25.88                    | 25.87                  | 27.0                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.76                 | 25.89                    | 25.90                  | 27.0                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.80                 | 25.99                    | 25.89                  | 27.0                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.92                 | 25.93                    | 25.96                  | 27.0                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.76                 | 25.89                    | 25.86                  | 27.0                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.91                 | 25.94                    | 25.95                  | 27.0                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.75                 | 26.00                    | 25.98                  | 27.0                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.75                 | 25.85                    | 25.99                  | 27.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 26.05                 | 26.06                    | 25.86                  | 27.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 25.59                 | 25.62                    | 25.39                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 25.69                 | 25.80                    | 25.51                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.64                 | 24.72                    | 24.69                  | 26.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 25.55                 | 25.62                    | 25.39                  | 27.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.52                 | 24.59                    | 24.61                  | 26.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.60                 | 24.61                    | 24.63                  |                     |
| 100             | QPSK       | 1       | 1         | 25.98                 | 26.04                    | 25.80                  | 27.0                |
| 100             | QPSK       | 1       | 137       | 25.60                 | 25.63                    | 25.33                  |                     |
| 100             | QPSK       | 1       | 271       | 25.76                 | 25.83                    | 25.59                  |                     |
| 100             | QPSK       | 135     | 0         | 24.72                 | 24.75                    | 24.52                  | 26.0                |
| 100             | QPSK       | 135     | 69        | 25.61                 | 25.65                    | 25.39                  | 27.0                |
| 100             | QPSK       | 135     | 138       | 24.53                 | 24.60                    | 24.35                  | 26.0                |
| 100             | QPSK       | 270     | 0         | 24.58                 | 24.65                    | 24.39                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.95                 | 25.01                    | 24.75                  | 26.0                |
| 100             | 64QAM      | 1       | 1         | 23.38                 | 23.41                    | 23.21                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.66                 | 21.70                    | 21.40                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.00                 | 25.96                    | 25.67                  | 27.0                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.03                 | 25.93                    | 25.80                  | 27.0                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.01                 | 26.00                    | 25.73                  | 27.0                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.96                 | 26.02                    | 25.85                  | 27.0                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.89                 | 25.99                    | 25.86                  | 27.0                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.02                 | 25.91                    | 25.79                  | 27.0                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.03                 | 26.05                    | 25.70                  | 27.0                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.91                 | 25.89                    | 25.76                  | 27.0                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.88                 | 25.89                    | 25.72                  | 27.0                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.97                 | 25.98                    | 25.76                  | 27.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.27                 | 21.32                    | 21.38                  | 21.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.24                 | 21.13                    | 21.27                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.16                 | 21.22                    | 21.25                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.21                 | 21.13                    | 21.24                  | 21.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.22                 | 21.26                    | 21.28                  | 21.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.10                 | 21.21                    | 21.24                  | 21.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.26                 | 21.22                    | 21.28                  |                     |
| 100             | QPSK       | 1       | 1         | 21.24                 | 21.20                    | 21.27                  | 21.8                |
| 100             | QPSK       | 1       | 137       | 21.25                 | 21.19                    | 21.33                  |                     |
| 100             | QPSK       | 1       | 271       | 21.17                 | 21.22                    | 21.31                  |                     |
| 100             | QPSK       | 135     | 0         | 21.25                 | 21.25                    | 21.19                  | 21.8                |
| 100             | QPSK       | 135     | 69        | 21.18                 | 21.17                    | 21.31                  | 21.8                |
| 100             | QPSK       | 135     | 138       | 21.21                 | 21.28                    | 21.29                  | 21.8                |
| 100             | QPSK       | 270     | 0         | 21.07                 | 21.21                    | 21.27                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.14                 | 21.31                    | 21.25                  | 21.8                |
| 100             | 64QAM      | 1       | 1         | 21.19                 | 21.21                    | 21.19                  | 21.8                |
| 100             | 256QAM     | 1       | 1         | 21.09                 | 21.12                    | 21.30                  | 21.8                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.22                    | 21.34                  | 21.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.24                    | 21.37                  | 21.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.21                    | 21.30                  | 21.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.11                 | 21.19                    | 21.18                  | 21.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.17                    | 21.26                  | 21.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.10                 | 21.22                    | 21.28                  | 21.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.29                    | 21.26                  | 21.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.20                    | 21.25                  | 21.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.20                 | 21.23                    | 21.36                  | 21.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.18                 | 21.23                    | 21.34                  | 21.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.43                 | 21.34                    | 21.28                  | 21.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.29                 | 21.30                    | 21.28                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.41                 | 21.23                    | 21.18                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.33                 | 21.19                    | 21.16                  | 21.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.35                 | 21.29                    | 21.26                  | 21.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.23                 | 21.33                    | 21.23                  | 21.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.38                 | 21.26                    | 21.21                  |                     |
| 100             | QPSK       | 1       | 1         | 21.28                 | 21.19                    | 21.21                  | 21.6                |
| 100             | QPSK       | 1       | 137       | 21.27                 | 21.20                    | 21.24                  |                     |
| 100             | QPSK       | 1       | 271       | 21.27                 | 21.25                    | 21.14                  |                     |
| 100             | QPSK       | 135     | 0         | 21.41                 | 21.25                    | 21.19                  | 21.6                |
| 100             | QPSK       | 135     | 69        | 21.32                 | 21.19                    | 21.09                  | 21.6                |
| 100             | QPSK       | 135     | 138       | 21.39                 | 21.19                    | 21.27                  | 21.6                |
| 100             | QPSK       | 270     | 0         | 21.36                 | 21.29                    | 21.22                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.28                 | 21.27                    | 21.21                  | 21.6                |
| 100             | 64QAM      | 1       | 1         | 21.24                 | 21.34                    | 21.24                  | 21.6                |
| 100             | 256QAM     | 1       | 1         | 21.29                 | 21.21                    | 21.22                  | 21.6                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.19                    | 21.28                  | 21.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.28                    | 21.08                  | 21.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.24                 | 21.33                    | 21.12                  | 21.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.21                    | 21.21                  | 21.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.19                    | 21.27                  | 21.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.40                 | 21.31                    | 21.23                  | 21.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.14                    | 21.22                  | 21.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.37                 | 21.28                    | 21.17                  | 21.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.23                 | 21.21                    | 21.13                  | 21.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.31                 | 21.24                    | 21.13                  | 21.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.94                    | 23.88                  | 24.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.86                 | 23.93                    | 23.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.68                 | 23.89                    | 23.83                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.79                 | 23.87                    | 23.73                  | 24.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.82                 | 23.91                    | 23.77                  | 24.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.80                 | 23.90                    | 23.75                  | 24.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.74                 | 23.89                    | 23.69                  |                     |
| 100             | QPSK       | 1       | 1         | 23.71                 | 23.90                    | 23.82                  | 24.1                |
| 100             | QPSK       | 1       | 137       | 23.69                 | 23.90                    | 23.72                  |                     |
| 100             | QPSK       | 1       | 271       | 23.79                 | 23.79                    | 23.72                  |                     |
| 100             | QPSK       | 135     | 0         | 23.80                 | 23.92                    | 23.68                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 23.66                 | 23.84                    | 23.83                  | 24.1                |
| 100             | QPSK       | 135     | 138       | 23.81                 | 23.79                    | 23.88                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 23.84                 | 23.74                    | 23.85                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.67                 | 23.77                    | 23.74                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 22.65                 | 22.90                    | 22.81                  | 24.1                |
| 100             | 256QAM     | 1       | 1         | 21.74                 | 21.76                    | 21.71                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.76                    | 23.77                  | 24.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.84                 | 23.92                    | 23.68                  | 24.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.71                 | 23.83                    | 23.82                  | 24.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.90                    | 23.68                  | 24.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.91                    | 23.81                  | 24.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.83                    | 23.75                  | 24.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.72                 | 23.84                    | 23.86                  | 24.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.69                 | 23.80                    | 23.74                  | 24.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.67                 | 23.92                    | 23.69                  | 24.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.85                 | 23.86                    | 23.79                  | 24.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.99                    | 24.95                  | 25.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.70                 | 24.79                    | 24.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.78                 | 24.87                    | 24.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.67                 | 24.63                    | 24.63                  | 25.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.71                 | 24.72                    | 24.68                  | 25.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.63                 | 24.69                    | 24.74                  | 25.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.58                 | 24.64                    | 24.63                  |                     |
| 100             | QPSK       | 1       | 1         | 24.95                 | 24.92                    | 24.90                  | 25.8                |
| 100             | QPSK       | 1       | 137       | 24.65                 | 24.72                    | 24.70                  |                     |
| 100             | QPSK       | 1       | 271       | 24.81                 | 24.87                    | 24.67                  |                     |
| 100             | QPSK       | 135     | 0         | 24.72                 | 24.71                    | 24.77                  | 25.8                |
| 100             | QPSK       | 135     | 69        | 24.71                 | 24.73                    | 24.73                  | 25.8                |
| 100             | QPSK       | 135     | 138       | 24.70                 | 24.70                    | 24.73                  | 25.8                |
| 100             | QPSK       | 270     | 0         | 24.74                 | 24.75                    | 24.66                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.87                 | 24.94                    | 24.67                  | 25.8                |
| 100             | 64QAM      | 1       | 1         | 23.29                 | 23.38                    | 23.20                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.64                 | 21.65                    | 21.40                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.94                    | 24.68                  | 25.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.91                 | 24.97                    | 24.84                  | 25.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.97                    | 24.83                  | 25.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.93                    | 24.92                  | 25.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.89                    | 24.87                  | 25.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.98                 | 24.98                    | 24.79                  | 25.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.94                 | 24.94                    | 24.75                  | 25.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.93                 | 24.98                    | 24.77                  | 25.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.94                    | 24.80                  | 25.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.91                    | 24.79                  | 25.8                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.39                    | 22.38                  | 23.4                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.13                 | 22.23                    | 22.19                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.12                 | 22.24                    | 22.21                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.13                 | 22.23                    | 22.33                  | 23.4                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.16                 | 22.38                    | 22.34                  | 23.4                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.13                 | 22.29                    | 22.27                  | 23.4                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.29                 | 22.31                    | 22.34                  |                     |
| 100             | QPSK       | 1       | 1         | 22.14                 | 22.19                    | 22.38                  | 23.4                |
| 100             | QPSK       | 1       | 137       | 22.20                 | 22.25                    | 22.28                  |                     |
| 100             | QPSK       | 1       | 271       | 22.13                 | 22.31                    | 22.25                  |                     |
| 100             | QPSK       | 135     | 0         | 22.21                 | 22.30                    | 22.25                  | 23.4                |
| 100             | QPSK       | 135     | 69        | 22.25                 | 22.20                    | 22.21                  | 23.4                |
| 100             | QPSK       | 135     | 138       | 22.09                 | 22.31                    | 22.33                  | 23.4                |
| 100             | QPSK       | 270     | 0         | 22.26                 | 22.21                    | 22.31                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.12                 | 22.28                    | 22.18                  | 23.4                |
| 100             | 64QAM      | 1       | 1         | 22.09                 | 22.30                    | 22.20                  | 23.4                |
| 100             | 256QAM     | 1       | 1         | 22.29                 | 22.27                    | 22.37                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.33                    | 22.23                  | 23.4                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.22                    | 22.29                  | 23.4                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.23                 | 22.36                    | 22.24                  | 23.4                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.22                 | 22.32                    | 22.18                  | 23.4                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.25                    | 22.32                  | 23.4                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.20                    | 22.23                  | 23.4                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.30                    | 22.36                  | 23.4                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.26                    | 22.27                  | 23.4                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.13                 | 22.38                    | 22.28                  | 23.4                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.15                 | 22.32                    | 22.31                  | 23.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.46                 | 22.37                    | 22.31                  | 23.4                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.43                 | 22.35                    | 22.28                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.45                 | 22.17                    | 22.15                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.40                 | 22.20                    | 22.25                  | 23.4                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.42                 | 22.28                    | 22.21                  | 23.4                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.31                 | 22.23                    | 22.25                  | 23.4                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.38                 | 22.24                    | 22.15                  |                     |
| 100             | QPSK       | 1       | 1         | 22.32                 | 22.28                    | 22.17                  | 23.4                |
| 100             | QPSK       | 1       | 137       | 22.38                 | 22.27                    | 22.28                  |                     |
| 100             | QPSK       | 1       | 271       | 22.39                 | 22.25                    | 22.24                  |                     |
| 100             | QPSK       | 135     | 0         | 22.11                 | 22.21                    | 22.10                  | 23.4                |
| 100             | QPSK       | 135     | 69        | 22.30                 | 22.41                    | 22.21                  | 23.4                |
| 100             | QPSK       | 135     | 138       | 21.96                 | 22.08                    | 22.06                  | 23.4                |
| 100             | QPSK       | 270     | 0         | 22.01                 | 22.12                    | 21.93                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.38                 | 22.44                    | 22.25                  | 23.4                |
| 100             | 64QAM      | 1       | 1         | 22.14                 | 22.20                    | 22.15                  | 23.4                |
| 100             | 256QAM     | 1       | 1         | 22.07                 | 22.19                    | 22.01                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.34                    | 22.31                  | 23.4                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.26                    | 22.14                  | 23.4                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.24                    | 22.15                  | 23.4                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.43                 | 22.33                    | 22.12                  | 23.4                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.31                    | 22.25                  | 23.4                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.36                    | 22.17                  | 23.4                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.24                    | 22.27                  | 23.4                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.20                    | 22.12                  | 23.4                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.26                    | 22.24                  | 23.4                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.36                 | 22.36                    | 22.12                  | 23.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.94                    | 23.88                  | 24.9                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.86                 | 23.93                    | 23.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.68                 | 23.89                    | 23.83                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.79                 | 23.87                    | 23.73                  | 24.9                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.82                 | 23.91                    | 23.77                  | 24.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.80                 | 23.90                    | 23.75                  | 24.9                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.74                 | 23.89                    | 23.69                  |                     |
| 100             | QPSK       | 1       | 1         | 23.71                 | 23.90                    | 23.82                  | 24.9                |
| 100             | QPSK       | 1       | 137       | 23.69                 | 23.90                    | 23.72                  |                     |
| 100             | QPSK       | 1       | 271       | 23.79                 | 23.79                    | 23.72                  |                     |
| 100             | QPSK       | 135     | 0         | 23.80                 | 23.92                    | 23.68                  | 24.9                |
| 100             | QPSK       | 135     | 69        | 23.66                 | 23.84                    | 23.83                  | 24.9                |
| 100             | QPSK       | 135     | 138       | 23.81                 | 23.79                    | 23.88                  | 24.9                |
| 100             | QPSK       | 270     | 0         | 23.84                 | 23.74                    | 23.85                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.67                 | 23.77                    | 23.74                  | 24.9                |
| 100             | 64QAM      | 1       | 1         | 22.65                 | 22.90                    | 22.81                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.74                 | 21.76                    | 21.71                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.76                    | 23.77                  | 24.9                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.84                 | 23.92                    | 23.68                  | 24.9                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.71                 | 23.83                    | 23.82                  | 24.9                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.90                    | 23.68                  | 24.9                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.91                    | 23.81                  | 24.9                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.83                    | 23.75                  | 24.9                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.72                 | 23.84                    | 23.86                  | 24.9                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.69                 | 23.80                    | 23.74                  | 24.9                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.67                 | 23.92                    | 23.69                  | 24.9                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.85                 | 23.86                    | 23.79                  | 24.9                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.99                    | 24.95                  | 26.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.70                 | 24.79                    | 24.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.78                 | 24.87                    | 24.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.67                 | 24.63                    | 24.63                  | 26.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.71                 | 24.72                    | 24.68                  | 26.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.63                 | 24.69                    | 24.74                  | 26.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.58                 | 24.64                    | 24.63                  |                     |
| 100             | QPSK       | 1       | 1         | 24.95                 | 24.92                    | 24.90                  | 26.6                |
| 100             | QPSK       | 1       | 137       | 24.65                 | 24.72                    | 24.70                  |                     |
| 100             | QPSK       | 1       | 271       | 24.81                 | 24.87                    | 24.67                  |                     |
| 100             | QPSK       | 135     | 0         | 24.72                 | 24.71                    | 24.77                  | 26.0                |
| 100             | QPSK       | 135     | 69        | 24.71                 | 24.73                    | 24.73                  | 26.6                |
| 100             | QPSK       | 135     | 138       | 24.70                 | 24.70                    | 24.73                  | 26.0                |
| 100             | QPSK       | 270     | 0         | 24.74                 | 24.75                    | 24.66                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.87                 | 24.94                    | 24.67                  | 26.0                |
| 100             | 64QAM      | 1       | 1         | 23.29                 | 23.38                    | 23.20                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.64                 | 21.65                    | 21.40                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.94                    | 24.68                  | 26.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.91                 | 24.97                    | 24.84                  | 26.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.97                    | 24.83                  | 26.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.93                    | 24.92                  | 26.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.89                    | 24.87                  | 26.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.98                 | 24.98                    | 24.79                  | 26.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.94                 | 24.94                    | 24.75                  | 26.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.93                 | 24.98                    | 24.77                  | 26.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.94                    | 24.80                  | 26.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.91                    | 24.79                  | 26.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.39                    | 22.38                  | 22.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.13                 | 22.23                    | 22.19                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.12                 | 22.24                    | 22.21                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.13                 | 22.23                    | 22.33                  | 22.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.16                 | 22.38                    | 22.34                  | 22.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.13                 | 22.29                    | 22.27                  | 22.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.29                 | 22.31                    | 22.34                  |                     |
| 100             | QPSK       | 1       | 1         | 22.14                 | 22.19                    | 22.38                  | 22.6                |
| 100             | QPSK       | 1       | 137       | 22.20                 | 22.25                    | 22.28                  |                     |
| 100             | QPSK       | 1       | 271       | 22.13                 | 22.31                    | 22.25                  |                     |
| 100             | QPSK       | 135     | 0         | 22.21                 | 22.30                    | 22.25                  | 22.6                |
| 100             | QPSK       | 135     | 69        | 22.25                 | 22.20                    | 22.21                  | 22.6                |
| 100             | QPSK       | 135     | 138       | 22.09                 | 22.31                    | 22.33                  | 22.6                |
| 100             | QPSK       | 270     | 0         | 22.26                 | 22.21                    | 22.31                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.12                 | 22.28                    | 22.18                  | 22.6                |
| 100             | 64QAM      | 1       | 1         | 22.09                 | 22.30                    | 22.20                  | 22.6                |
| 100             | 256QAM     | 1       | 1         | 22.29                 | 22.27                    | 22.37                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.33                    | 22.23                  | 22.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.24                 | 22.22                    | 22.29                  | 22.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.23                 | 22.36                    | 22.24                  | 22.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.22                 | 22.32                    | 22.18                  | 22.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.25                    | 22.32                  | 22.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.20                    | 22.23                  | 22.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.30                    | 22.36                  | 22.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.26                    | 22.27                  | 22.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.13                 | 22.38                    | 22.28                  | 22.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.15                 | 22.32                    | 22.31                  | 22.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.46                 | 22.37                    | 22.31                  | 22.6                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.43                 | 22.35                    | 22.28                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.45                 | 22.17                    | 22.15                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.40                 | 22.20                    | 22.25                  | 22.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.42                 | 22.28                    | 22.21                  | 22.6                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.31                 | 22.23                    | 22.25                  | 22.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.38                 | 22.24                    | 22.15                  |                     |
| 100             | QPSK       | 1       | 1         | 22.32                 | 22.28                    | 22.17                  | 22.6                |
| 100             | QPSK       | 1       | 137       | 22.38                 | 22.27                    | 22.28                  |                     |
| 100             | QPSK       | 1       | 271       | 22.39                 | 22.25                    | 22.24                  |                     |
| 100             | QPSK       | 135     | 0         | 22.11                 | 22.21                    | 22.10                  | 22.6                |
| 100             | QPSK       | 135     | 69        | 22.30                 | 22.41                    | 22.21                  | 22.6                |
| 100             | QPSK       | 135     | 138       | 21.96                 | 22.08                    | 22.06                  | 22.6                |
| 100             | QPSK       | 270     | 0         | 22.01                 | 22.12                    | 21.93                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.38                 | 22.44                    | 22.25                  | 22.6                |
| 100             | 64QAM      | 1       | 1         | 22.14                 | 22.20                    | 22.15                  | 22.6                |
| 100             | 256QAM     | 1       | 1         | 22.07                 | 22.19                    | 22.01                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.34                    | 22.31                  | 22.6                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.32                 | 22.26                    | 22.14                  | 22.6                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.24                    | 22.15                  | 22.6                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.43                 | 22.33                    | 22.12                  | 22.6                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.39                 | 22.31                    | 22.25                  | 22.6                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.36                    | 22.17                  | 22.6                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.24                    | 22.27                  | 22.6                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.29                 | 22.20                    | 22.12                  | 22.6                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.26                    | 22.24                  | 22.6                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.36                 | 22.36                    | 22.12                  | 22.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.94                    | 23.88                  | 24.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.86                 | 23.93                    | 23.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.68                 | 23.89                    | 23.83                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.79                 | 23.87                    | 23.73                  | 24.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.82                 | 23.91                    | 23.77                  | 24.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.80                 | 23.90                    | 23.75                  | 24.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.74                 | 23.89                    | 23.69                  |                     |
| 100             | QPSK       | 1       | 1         | 23.71                 | 23.90                    | 23.82                  | 24.1                |
| 100             | QPSK       | 1       | 137       | 23.69                 | 23.90                    | 23.72                  |                     |
| 100             | QPSK       | 1       | 271       | 23.79                 | 23.79                    | 23.72                  |                     |
| 100             | QPSK       | 135     | 0         | 23.80                 | 23.92                    | 23.68                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 23.66                 | 23.84                    | 23.83                  | 24.1                |
| 100             | QPSK       | 135     | 138       | 23.81                 | 23.79                    | 23.88                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 23.84                 | 23.74                    | 23.85                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.67                 | 23.77                    | 23.74                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 22.65                 | 22.90                    | 22.81                  | 24.1                |
| 100             | 256QAM     | 1       | 1         | 21.74                 | 21.76                    | 21.71                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.78                 | 23.76                    | 23.77                  | 24.1                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.84                 | 23.92                    | 23.68                  | 24.1                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.71                 | 23.83                    | 23.82                  | 24.1                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.77                 | 23.90                    | 23.68                  | 24.1                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.76                 | 23.91                    | 23.81                  | 24.1                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.86                 | 23.83                    | 23.75                  | 24.1                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.72                 | 23.84                    | 23.86                  | 24.1                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.69                 | 23.80                    | 23.74                  | 24.1                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.67                 | 23.92                    | 23.69                  | 24.1                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.85                 | 23.86                    | 23.79                  | 24.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 509202                | 518598                   | 528000                 |                     |
| Frequency (MHz) |            |         |           | 2546.01               | 2592.99                  | 2640                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.99                    | 24.95                  | 25.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.70                 | 24.79                    | 24.75                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.78                 | 24.87                    | 24.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.67                 | 24.63                    | 24.63                  | 25.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.71                 | 24.72                    | 24.68                  | 25.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.63                 | 24.69                    | 24.74                  | 25.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.58                 | 24.64                    | 24.63                  |                     |
| 100             | QPSK       | 1       | 1         | 24.95                 | 24.92                    | 24.90                  | 25.8                |
| 100             | QPSK       | 1       | 137       | 24.65                 | 24.72                    | 24.70                  |                     |
| 100             | QPSK       | 1       | 271       | 24.81                 | 24.87                    | 24.67                  |                     |
| 100             | QPSK       | 135     | 0         | 24.72                 | 24.71                    | 24.77                  | 25.8                |
| 100             | QPSK       | 135     | 69        | 24.71                 | 24.73                    | 24.73                  | 25.8                |
| 100             | QPSK       | 135     | 138       | 24.70                 | 24.70                    | 24.73                  | 25.8                |
| 100             | QPSK       | 270     | 0         | 24.74                 | 24.75                    | 24.66                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.87                 | 24.94                    | 24.67                  | 25.8                |
| 100             | 64QAM      | 1       | 1         | 23.29                 | 23.38                    | 23.20                  | 24.5                |
| 100             | 256QAM     | 1       | 1         | 21.64                 | 21.65                    | 21.40                  | 22.5                |
| Channel         |            |         |           | 508200                | 518598                   | 528996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2541                  | 2592.99                  | 2644.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.94                    | 24.68                  | 25.8                |
| Channel         |            |         |           | 507204                | 518598                   | 529998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2536.02               | 2592.99                  | 2649.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.91                 | 24.97                    | 24.84                  | 25.8                |
| Channel         |            |         |           | 506202                | 518598                   | 531000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2531.01               | 2592.99                  | 2655                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.97                    | 24.83                  | 25.8                |
| Channel         |            |         |           | 505200                | 518598                   | 531996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2526                  | 2592.99                  | 2659.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.95                 | 24.93                    | 24.92                  | 25.8                |
| Channel         |            |         |           | 504204                | 518598                   | 532998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2521.02               | 2592.99                  | 2664.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.89                    | 24.87                  | 25.8                |
| Channel         |            |         |           | 503202                | 518598                   | 534000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2516.01               | 2592.99                  | 2670                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.98                 | 24.98                    | 24.79                  | 25.8                |
| Channel         |            |         |           | 502200                | 518598                   | 534996                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2511                  | 2592.99                  | 2674.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.94                 | 24.94                    | 24.75                  | 25.8                |
| Channel         |            |         |           | 501204                | 518598                   | 535998                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2506.02               | 2592.99                  | 2679.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.93                 | 24.98                    | 24.77                  | 25.8                |
| Channel         |            |         |           | 500700                | 518598                   | 536496                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2503.5                | 2592.99                  | 2682.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.96                 | 24.94                    | 24.80                  | 25.8                |
| Channel         |            |         |           | 500202                | 518598                   | 537000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 2501.01               | 2592.99                  | 2685                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.91                    | 24.79                  | 25.8                |





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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 15.79                 | 15.73                    | 15.74                  | 16.00               | 16.00   | 16.00   |
| 10                  | PI/2 BPSK  | 1               | 22        | 15.80                 | 15.75                    | 15.75                  | 16.00               | 16.00   | 16.00   |
| 10                  | PI/2 BPSK  | 12              | 6         | 15.61                 | 15.60                    | 15.69                  | 16.00               | 16.00   | 16.00   |
| 10                  | PI/2 BPSK  | 1               | 0         | 15.71                 | 15.69                    | 15.79                  | 16.00               | 16.00   | 16.00   |
| 10                  | PI/2 BPSK  | 1               | 23        | 15.70                 | 15.63                    | 15.66                  | 16.00               | 16.00   | 16.00   |
| 10                  | PI/2 BPSK  | 24              | 0         | 15.58                 | 15.67                    | 15.66                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 1               | 1         | 15.71                 | 15.69                    | 15.74                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 1               | 22        | 15.66                 | 15.70                    | 15.68                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 12              | 6         | 15.61                 | 15.65                    | 15.64                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 1               | 0         | 15.69                 | 15.71                    | 15.64                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 1               | 23        | 15.72                 | 15.72                    | 15.64                  | 16.00               | 16.00   | 16.00   |
| 10                  | QPSK       | 24              | 0         | 15.63                 | 15.70                    | 15.62                  | 16.00               | 16.00   | 16.00   |
| 10                  | 16QAM      | 1               | 1         | 15.75                 | 15.75                    | 15.77                  | 16.00               | 16.00   | 16.00   |
| 10                  | 64QAM      | 1               | 1         | 15.74                 | 15.78                    | 15.73                  | 16.00               | 16.00   | 16.00   |
| 10                  | 256QAM     | 1               | 1         | 15.61                 | 15.70                    | 15.63                  | 16.00               | 16.00   | 16.00   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 15.80                 | 15.71                    | 15.71                  | 16.00               | 16.00   | 16.00   |
| 15                  | PI/2 BPSK  | 1               | 36        | 15.76                 | 15.75                    | 15.77                  | 16.00               | 16.00   | 16.00   |
| 15                  | PI/2 BPSK  | 18              | 9         | 15.62                 | 15.70                    | 15.66                  | 16.00               | 16.00   | 16.00   |
| 15                  | PI/2 BPSK  | 1               | 0         | 15.71                 | 15.77                    | 15.79                  | 16.00               | 16.00   | 16.00   |
| 15                  | PI/2 BPSK  | 1               | 37        | 15.69                 | 15.68                    | 15.71                  | 16.00               | 16.00   | 16.00   |
| 15                  | PI/2 BPSK  | 36              | 0         | 15.61                 | 15.62                    | 15.59                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 1               | 1         | 15.72                 | 15.69                    | 15.75                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 1               | 36        | 15.71                 | 15.71                    | 15.73                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 18              | 9         | 15.66                 | 15.57                    | 15.60                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 1               | 0         | 15.64                 | 15.71                    | 15.71                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 1               | 37        | 15.72                 | 15.67                    | 15.70                  | 16.00               | 16.00   | 16.00   |
| 15                  | QPSK       | 36              | 0         | 15.62                 | 15.71                    | 15.63                  | 16.00               | 16.00   | 16.00   |
| 15                  | 16QAM      | 1               | 1         | 15.74                 | 15.73                    | 15.72                  | 16.00               | 16.00   | 16.00   |
| 15                  | 64QAM      | 1               | 1         | 15.72                 | 15.74                    | 15.70                  | 16.00               | 16.00   | 16.00   |
| 15                  | 256QAM     | 1               | 1         | 15.71                 | 15.65                    | 15.65                  | 16.00               | 16.00   | 16.00   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 15.76                 | 15.78                    | 15.74                  | 16.00               | 16.00   | 16.00   |
| 20                  | PI/2 BPSK  | 1               | 49        | 15.74                 | 15.70                    | 15.72                  | 16.00               | 16.00   | 16.00   |
| 20                  | PI/2 BPSK  | 25              | 12        | 15.68                 | 15.63                    | 15.67                  | 16.00               | 16.00   | 16.00   |
| 20                  | PI/2 BPSK  | 1               | 0         | 15.68                 | 15.77                    | 15.70                  | 16.00               | 16.00   | 16.00   |
| 20                  | PI/2 BPSK  | 1               | 50        | 15.67                 | 15.71                    | 15.68                  | 16.00               | 16.00   | 16.00   |
| 20                  | PI/2 BPSK  | 50              | 0         | 15.61                 | 15.65                    | 15.61                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 1               | 1         | 15.71                 | 15.74                    | 15.75                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 1               | 49        | 15.74                 | 15.66                    | 15.75                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 25              | 12        | 15.64                 | 15.61                    | 15.62                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 1               | 0         | 15.66                 | 15.66                    | 15.73                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 1               | 50        | 15.66                 | 15.73                    | 15.72                  | 16.00               | 16.00   | 16.00   |
| 20                  | QPSK       | 50              | 0         | 15.64                 | 15.66                    | 15.66                  | 16.00               | 16.00   | 16.00   |
| 20                  | 16QAM      | 1               | 1         | 15.71                 | 15.71                    | 15.75                  | 16.00               | 16.00   | 16.00   |
| 20                  | 64QAM      | 1               | 1         | 15.70                 | 15.71                    | 15.74                  | 16.00               | 16.00   | 16.00   |
| 20                  | 256QAM     | 1               | 1         | 15.61                 | 15.63                    | 15.63                  | 16.00               | 16.00   | 16.00   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |
| 30                  | PI/2 BPSK  | 1               | 1         | 12.20                 | 15.76                    | 12.04                  | 13.00               | 16.00   | 13.00   |
| 30                  | PI/2 BPSK  | 1               | 76        | 11.98                 | 15.70                    | 11.82                  | 13.00               | 16.00   | 13.00   |
| 30                  | PI/2 BPSK  | 36              | 18        | 12.04                 | 15.68                    | 15.67                  | 13.00               | 16.00   | 16.00   |
| 30                  | PI/2 BPSK  | 1               | 0         | 12.23                 | 15.75                    | 12.02                  | 13.00               | 16.00   | 13.00   |
| 30                  | PI/2 BPSK  | 1               | 77        | 11.99                 | 15.63                    | 11.82                  | 13.00               | 16.00   | 13.00   |
| 30                  | PI/2 BPSK  | 75              | 0         | 12.06                 | 15.64                    | 11.91                  | 13.00               | 16.00   | 13.00   |



|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | QPSK      | 1               | 1   | 12.19  | 15.70   | 12.05   | 13.00  | 16.00   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.00  | 15.72   | 11.82   | 13.00  | 16.00   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.05  | 15.60   | 15.65   | 13.00  | 16.00   | 16.00   |
| 30                  | QPSK      | 1               | 0   | 12.18  | 15.67   | 12.03   | 13.00  | 16.00   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 11.98  | 15.66   | 11.80   | 13.00  | 16.00   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.03  | 15.71   | 11.91   | 13.00  | 16.00   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 11.68  | 15.72   | 11.48   | 13.00  | 16.00   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 11.57  | 15.71   | 11.48   | 13.00  | 16.00   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 11.78  | 15.62   | 11.56   | 13.00  | 16.00   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.22  | 15.81   | 11.98   | 13.00  | 16.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 11.97  | 15.80   | 11.84   | 13.00  | 16.00   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.05  | 15.70   | 11.95   | 13.00  | 16.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.21  | 15.79   | 11.99   | 13.00  | 16.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 11.93  | 15.73   | 11.84   | 13.00  | 16.00   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.09  | 15.68   | 11.95   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.21  | 15.75   | 11.97   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 11.97  | 15.76   | 11.84   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.06  | 15.67   | 11.97   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.19  | 15.73   | 11.94   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 11.96  | 15.74   | 11.85   | 13.00  | 16.00   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.06  | 15.71   | 11.98   | 13.00  | 16.00   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 11.84  | 15.79   | 11.57   | 13.00  | 16.00   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 11.74  | 15.79   | 11.57   | 13.00  | 16.00   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 11.76  | 15.71   | 11.37   | 13.00  | 16.00   | 13.00   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.58                 | 24.59                    | 24.55                  | 25.3                |
| 40              | PI/2 BPSK  | 1       | 53        | 24.42                 | 24.49                    | 24.43                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 24.54                 | 24.57                    | 24.53                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 24.05                 | 24.06                    | 24.01                  | 24.8                |
| 40              | PI/2 BPSK  | 50      | 28        | 24.49                 | 24.53                    | 24.46                  | 25.3                |
| 40              | PI/2 BPSK  | 50      | 56        | 23.89                 | 23.98                    | 23.94                  | 24.8                |
| 40              | PI/2 BPSK  | 100     | 0         | 24.00                 | 24.00                    | 23.91                  |                     |
| 40              | QPSK       | 1       | 1         | 24.49                 | 24.50                    | 24.36                  | 25.3                |
| 40              | QPSK       | 1       | 53        | 24.47                 | 24.46                    | 24.36                  |                     |
| 40              | QPSK       | 1       | 104       | 24.41                 | 24.48                    | 24.37                  |                     |
| 40              | QPSK       | 50      | 0         | 23.48                 | 23.55                    | 23.47                  | 24.3                |
| 40              | QPSK       | 50      | 28        | 24.44                 | 24.48                    | 24.36                  | 25.3                |
| 40              | QPSK       | 50      | 56        | 23.42                 | 23.51                    | 23.44                  | 24.3                |
| 40              | QPSK       | 100     | 0         | 23.48                 | 23.53                    | 23.39                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.48                 | 23.50                    | 23.46                  | 24.3                |
| 40              | 64QAM      | 1       | 1         | 22.05                 | 22.11                    | 22.06                  | 22.8                |
| 40              | 256QAM     | 1       | 1         | 20.17                 | 20.24                    | 20.19                  | 20.8                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.47                 | 24.45                    | 24.45                  | 25.3                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.48                    | 24.41                  | 25.3                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.49                 | 24.51                    | 24.52                  | 25.3                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.53                 | 24.48                    | 24.50                  | 25.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.05                 | 24.06                    | 24.02                  | 24.9                |
| 40              | PI/2 BPSK  | 1       | 53        | 23.94                 | 24.00                    | 23.86                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 23.95                 | 23.98                    | 23.94                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 23.41                 | 23.52                    | 23.42                  | 24.4                |
| 40              | PI/2 BPSK  | 50      | 28        | 24.00                 | 24.01                    | 23.95                  | 24.9                |
| 40              | PI/2 BPSK  | 50      | 56        | 23.43                 | 23.46                    | 23.39                  | 24.4                |
| 40              | PI/2 BPSK  | 100     | 0         | 23.38                 | 23.49                    | 23.37                  |                     |
| 40              | QPSK       | 1       | 1         | 23.95                 | 24.04                    | 23.93                  | 24.9                |
| 40              | QPSK       | 1       | 53        | 23.93                 | 24.01                    | 23.91                  |                     |
| 40              | QPSK       | 1       | 104       | 23.91                 | 24.02                    | 23.95                  |                     |
| 40              | QPSK       | 50      | 0         | 22.91                 | 23.01                    | 22.91                  | 23.9                |
| 40              | QPSK       | 50      | 28        | 23.97                 | 24.00                    | 23.96                  | 24.9                |
| 40              | QPSK       | 50      | 56        | 22.90                 | 22.99                    | 22.95                  | 23.9                |
| 40              | QPSK       | 100     | 0         | 22.96                 | 23.01                    | 22.92                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.00                 | 23.01                    | 22.96                  | 23.9                |
| 40              | 64QAM      | 1       | 1         | 21.55                 | 21.58                    | 21.49                  | 22.4                |
| 40              | 256QAM     | 1       | 1         | 19.70                 | 19.79                    | 19.75                  | 20.4                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.92                 | 23.93                    | 23.87                  | 24.9                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.94                    | 23.91                  | 24.9                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.95                 | 23.99                    | 23.97                  | 24.9                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.95                 | 24.00                    | 23.89                  | 24.9                |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 24.42                 | 24.50                    | 24.53                  | 25.30               | 25.30   | 25.30   |
| 10                  | PI/2 BPSK  | 1               | 22        | 24.42                 | 24.50                    | 24.51                  | 25.30               | 25.30   | 25.30   |
| 10                  | PI/2 BPSK  | 12              | 6         | 24.43                 | 24.46                    | 24.51                  | 25.30               | 25.30   | 25.30   |
| 10                  | PI/2 BPSK  | 1               | 0         | 23.95                 | 23.95                    | 24.04                  | 24.00               | 24.00   | 25.30   |
| 10                  | PI/2 BPSK  | 1               | 23        | 23.89                 | 23.97                    | 24.03                  | 24.00               | 24.00   | 25.30   |
| 10                  | PI/2 BPSK  | 24              | 0         | 23.92                 | 23.98                    | 24.01                  | 24.00               | 24.00   | 25.30   |
| 10                  | QPSK       | 1               | 1         | 24.49                 | 24.50                    | 24.54                  | 25.30               | 25.30   | 25.30   |
| 10                  | QPSK       | 1               | 22        | 24.45                 | 24.54                    | 24.54                  | 25.30               | 25.30   | 25.30   |
| 10                  | QPSK       | 12              | 6         | 24.44                 | 24.47                    | 24.49                  | 25.30               | 25.30   | 25.30   |
| 10                  | QPSK       | 1               | 0         | 23.43                 | 23.43                    | 23.54                  | 24.00               | 24.00   | 24.00   |
| 10                  | QPSK       | 1               | 23        | 23.41                 | 23.44                    | 23.55                  | 24.00               | 24.00   | 24.00   |
| 10                  | QPSK       | 24              | 0         | 23.43                 | 23.46                    | 23.50                  | 24.00               | 24.00   | 24.00   |
| 10                  | 16QAM      | 1               | 1         | 23.36                 | 23.59                    | 23.43                  | 24.00               | 24.00   | 24.00   |
| 10                  | 64QAM      | 1               | 1         | 22.01                 | 22.24                    | 22.12                  | 23.00               | 23.00   | 23.00   |
| 10                  | 256QAM     | 1               | 1         | 19.88                 | 19.91                    | 19.95                  | 21.00               | 21.00   | 21.00   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 20.48                 | 24.44                    | 24.48                  | 21.00               | 25.30   | 25.30   |
| 15                  | PI/2 BPSK  | 1               | 36        | 24.48                 | 24.51                    | 20.51                  | 25.30               | 25.30   | 21.00   |
| 15                  | PI/2 BPSK  | 18              | 9         | 24.45                 | 24.46                    | 24.45                  | 25.30               | 25.30   | 25.30   |
| 15                  | PI/2 BPSK  | 1               | 0         | 20.41                 | 24.00                    | 23.97                  | 21.00               | 24.00   | 24.00   |
| 15                  | PI/2 BPSK  | 1               | 37        | 23.94                 | 24.03                    | 20.46                  | 24.00               | 25.30   | 21.00   |
| 15                  | PI/2 BPSK  | 36              | 0         | 20.42                 | 23.95                    | 20.51                  | 21.00               | 24.00   | 21.00   |
| 15                  | QPSK       | 1               | 1         | 20.50                 | 24.46                    | 24.48                  | 21.00               | 25.30   | 25.30   |
| 15                  | QPSK       | 1               | 36        | 24.43                 | 24.48                    | 20.45                  | 25.30               | 25.30   | 21.00   |
| 15                  | QPSK       | 18              | 9         | 24.46                 | 24.46                    | 24.53                  | 25.30               | 25.30   | 25.30   |
| 15                  | QPSK       | 1               | 0         | 20.50                 | 23.44                    | 23.47                  | 21.00               | 24.00   | 24.00   |
| 15                  | QPSK       | 1               | 37        | 23.44                 | 23.50                    | 20.44                  | 24.00               | 24.00   | 21.00   |
| 15                  | QPSK       | 36              | 0         | 20.47                 | 23.48                    | 20.47                  | 21.00               | 24.00   | 21.00   |
| 15                  | 16QAM      | 1               | 1         | 19.50                 | 23.46                    | 23.44                  | 21.00               | 24.00   | 24.00   |
| 15                  | 64QAM      | 1               | 1         | 19.40                 | 22.11                    | 21.88                  | 21.00               | 23.00   | 22.00   |
| 15                  | 256QAM     | 1               | 1         | 19.92                 | 19.95                    | 19.84                  | 21.00               | 21.00   | 21.00   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 20.51                 | 24.47                    | 24.42                  | 21.00               | 25.30   | 25.30   |
| 20                  | PI/2 BPSK  | 1               | 49        | 24.47                 | 24.47                    | 20.43                  | 25.30               | 25.30   | 21.00   |
| 20                  | PI/2 BPSK  | 25              | 12        | 24.46                 | 24.47                    | 24.44                  | 25.30               | 25.30   | 25.30   |
| 20                  | PI/2 BPSK  | 1               | 0         | 20.42                 | 23.91                    | 23.93                  | 21.00               | 24.00   | 24.00   |
| 20                  | PI/2 BPSK  | 1               | 50        | 23.92                 | 23.96                    | 20.46                  | 24.00               | 24.00   | 21.00   |
| 20                  | PI/2 BPSK  | 50              | 0         | 20.46                 | 23.93                    | 20.44                  | 21.00               | 24.00   | 21.00   |
| 20                  | QPSK       | 1               | 1         | 20.56                 | 24.47                    | 24.39                  | 21.00               | 25.30   | 25.30   |
| 20                  | QPSK       | 1               | 49        | 24.48                 | 24.51                    | 20.42                  | 25.30               | 25.30   | 21.00   |
| 20                  | QPSK       | 25              | 12        | 24.48                 | 24.45                    | 24.43                  | 25.30               | 25.30   | 25.30   |
| 20                  | QPSK       | 1               | 0         | 20.55                 | 23.51                    | 23.42                  | 21.00               | 24.00   | 24.00   |
| 20                  | QPSK       | 1               | 50        | 23.49                 | 23.52                    | 20.48                  | 24.00               | 24.00   | 21.00   |
| 20                  | QPSK       | 50              | 0         | 20.44                 | 23.45                    | 20.42                  | 21.00               | 24.00   | 21.00   |
| 20                  | 16QAM      | 1               | 1         | 19.55                 | 23.54                    | 23.46                  | 21.00               | 24.00   | 24.00   |
| 20                  | 64QAM      | 1               | 1         | 19.72                 | 21.93                    | 22.02                  | 21.00               | 22.00   | 23.00   |
| 20                  | 256QAM     | 1               | 1         | 20.04                 | 19.76                    | 19.98                  | 21.00               | 21.00   | 21.00   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.91  | 20.46   | 12.91   | 13.00  | 21.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 12.84  | 20.50   | 12.95   | 13.00  | 21.00   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.86  | 24.47   | 24.50   | 13.00  | 25.30   | 25.30   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.90  | 20.46   | 12.89   | 13.00  | 21.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 12.83  | 20.49   | 12.95   | 13.00  | 21.00   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.85  | 20.47   | 12.93   | 13.00  | 21.00   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.90  | 20.42   | 12.89   | 13.00  | 21.00   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.85  | 20.49   | 12.94   | 13.00  | 21.00   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.88  | 24.45   | 24.50   | 13.00  | 25.30   | 25.30   |
| 30                  | QPSK      | 1               | 0   | 12.91  | 20.44   | 12.91   | 13.00  | 21.00   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 12.81  | 20.48   | 12.95   | 13.00  | 21.00   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.85  | 20.47   | 12.98   | 13.00  | 21.00   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 12.32  | 20.39   | 12.36   | 13.00  | 21.00   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 12.43  | 20.50   | 12.40   | 13.00  | 21.00   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 12.45  | 19.94   | 12.30   | 13.00  | 21.00   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.97  | 20.46   | 12.80   | 13.00  | 21.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 12.92  | 20.48   | 12.84   | 13.00  | 21.00   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.89  | 24.46   | 12.86   | 13.00  | 25.30   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.98  | 20.47   | 12.79   | 13.00  | 21.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 12.92  | 20.48   | 12.87   | 13.00  | 21.00   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.90  | 19.97   | 12.82   | 13.00  | 21.00   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.96  | 20.44   | 12.91   | 13.00  | 21.00   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 12.92  | 20.49   | 12.91   | 13.00  | 21.00   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.86  | 24.45   | 12.84   | 13.00  | 25.30   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.97  | 20.46   | 12.88   | 13.00  | 21.00   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 12.88  | 20.49   | 12.91   | 13.00  | 21.00   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.90  | 19.95   | 12.83   | 13.00  | 21.00   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 12.47  | 20.51   | 12.53   | 13.00  | 21.00   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 12.39  | 20.55   | 12.24   | 13.00  | 21.00   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 12.38  | 20.03   | 12.24   | 13.00  | 21.00   | 13.00   |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 19.43                 | 19.37                    | 19.36                  | 19.70               | 19.70   | 19.70   |
| 10                  | PI/2 BPSK  | 1               | 22        | 19.23                 | 19.26                    | 19.32                  | 19.70               | 19.70   | 19.70   |
| 10                  | PI/2 BPSK  | 12              | 6         | 19.42                 | 19.39                    | 19.38                  | 19.70               | 19.70   | 19.70   |
| 10                  | PI/2 BPSK  | 1               | 0         | 19.39                 | 19.33                    | 19.40                  | 19.70               | 19.70   | 19.70   |
| 10                  | PI/2 BPSK  | 1               | 23        | 19.26                 | 19.24                    | 19.21                  | 19.70               | 19.70   | 19.70   |
| 10                  | PI/2 BPSK  | 24              | 0         | 19.00                 | 19.04                    | 18.99                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 1               | 1         | 19.24                 | 19.24                    | 19.23                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 1               | 22        | 19.20                 | 19.22                    | 19.24                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 12              | 6         | 19.30                 | 19.37                    | 19.35                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 1               | 0         | 19.25                 | 19.17                    | 19.18                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 1               | 23        | 19.32                 | 19.37                    | 19.36                  | 19.70               | 19.70   | 19.70   |
| 10                  | QPSK       | 24              | 0         | 18.99                 | 18.98                    | 18.95                  | 19.70               | 19.70   | 19.70   |
| 10                  | 16QAM      | 1               | 1         | 19.39                 | 19.35                    | 19.34                  | 19.70               | 19.70   | 19.70   |
| 10                  | 64QAM      | 1               | 1         | 19.39                 | 19.32                    | 19.34                  | 19.70               | 19.70   | 19.70   |
| 10                  | 256QAM     | 1               | 1         | 19.13                 | 19.06                    | 19.05                  | 19.70               | 19.70   | 19.70   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.45                 | 19.37                    | 19.39                  | 19.70               | 19.70   | 19.70   |
| 15                  | PI/2 BPSK  | 1               | 36        | 19.31                 | 19.31                    | 19.23                  | 19.70               | 19.70   | 19.70   |
| 15                  | PI/2 BPSK  | 18              | 9         | 19.37                 | 19.37                    | 19.39                  | 19.70               | 19.70   | 19.70   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.40                 | 19.32                    | 19.34                  | 19.70               | 19.70   | 19.70   |
| 15                  | PI/2 BPSK  | 1               | 37        | 19.28                 | 19.22                    | 19.21                  | 19.70               | 19.70   | 19.70   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.00                 | 18.94                    | 18.94                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 1               | 1         | 19.24                 | 19.25                    | 19.32                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 1               | 36        | 19.28                 | 19.27                    | 19.23                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 18              | 9         | 19.30                 | 19.36                    | 19.30                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 1               | 0         | 19.24                 | 19.25                    | 19.24                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 1               | 37        | 19.31                 | 19.38                    | 19.40                  | 19.70               | 19.70   | 19.70   |
| 15                  | QPSK       | 36              | 0         | 18.98                 | 18.97                    | 18.92                  | 19.70               | 19.70   | 19.70   |
| 15                  | 16QAM      | 1               | 1         | 19.36                 | 19.35                    | 19.40                  | 19.70               | 19.70   | 19.70   |
| 15                  | 64QAM      | 1               | 1         | 19.40                 | 19.41                    | 19.39                  | 19.70               | 19.70   | 19.70   |
| 15                  | 256QAM     | 1               | 1         | 19.04                 | 19.13                    | 19.06                  | 19.70               | 19.70   | 19.70   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.44                 | 19.41                    | 19.40                  | 19.70               | 19.70   | 19.70   |
| 20                  | PI/2 BPSK  | 1               | 49        | 19.24                 | 19.30                    | 19.22                  | 19.70               | 19.70   | 19.70   |
| 20                  | PI/2 BPSK  | 25              | 12        | 19.44                 | 19.35                    | 19.39                  | 19.70               | 19.70   | 19.70   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.39                 | 19.39                    | 19.32                  | 19.70               | 19.70   | 19.70   |
| 20                  | PI/2 BPSK  | 1               | 50        | 19.26                 | 19.21                    | 19.20                  | 19.70               | 19.70   | 19.70   |
| 20                  | PI/2 BPSK  | 50              | 0         | 18.94                 | 19.04                    | 18.98                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 1               | 1         | 19.25                 | 19.32                    | 19.26                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 1               | 49        | 19.24                 | 19.27                    | 19.25                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 25              | 12        | 19.34                 | 19.29                    | 19.30                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 1               | 0         | 19.21                 | 19.16                    | 19.19                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 1               | 50        | 19.33                 | 19.36                    | 19.39                  | 19.70               | 19.70   | 19.70   |
| 20                  | QPSK       | 50              | 0         | 18.90                 | 19.00                    | 18.92                  | 19.70               | 19.70   | 19.70   |
| 20                  | 16QAM      | 1               | 1         | 19.38                 | 19.35                    | 19.33                  | 19.70               | 19.70   | 19.70   |
| 20                  | 64QAM      | 1               | 1         | 19.37                 | 19.31                    | 19.33                  | 19.70               | 19.70   | 19.70   |
| 20                  | 256QAM     | 1               | 1         | 19.06                 | 19.06                    | 19.08                  | 19.70               | 19.70   | 19.70   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



**FCC SAR TEST REPORT**

**Report No. : FA3D2001D**

|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.20  | 19.41   | 12.04   | 13.00  | 19.70   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 11.98  | 19.31   | 11.82   | 13.00  | 19.70   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.04  | 19.34   | 19.32   | 13.00  | 19.70   | 19.70   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.23  | 19.40   | 12.02   | 13.00  | 19.70   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 11.99  | 19.23   | 11.82   | 13.00  | 19.70   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.06  | 18.99   | 11.91   | 13.00  | 19.70   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.19  | 19.26   | 12.05   | 13.00  | 19.70   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.00  | 19.20   | 11.82   | 13.00  | 19.70   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.05  | 19.33   | 19.28   | 13.00  | 19.70   | 19.70   |
| 30                  | QPSK      | 1               | 0   | 12.18  | 19.24   | 12.03   | 13.00  | 19.70   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 11.98  | 19.36   | 11.80   | 13.00  | 19.70   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.03  | 18.91   | 11.91   | 13.00  | 19.70   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 11.68  | 19.33   | 11.48   | 13.00  | 19.70   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 11.57  | 19.31   | 11.48   | 13.00  | 19.70   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 11.78  | 19.09   | 11.56   | 13.00  | 19.70   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.22  | 19.45   | 11.98   | 13.00  | 19.70   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 11.97  | 19.32   | 11.84   | 13.00  | 19.70   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.05  | 19.44   | 11.95   | 13.00  | 19.70   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.21  | 19.42   | 11.99   | 13.00  | 19.70   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 11.93  | 19.29   | 11.84   | 13.00  | 19.70   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.09  | 19.04   | 11.95   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.21  | 19.32   | 11.97   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 11.97  | 19.29   | 11.84   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.06  | 19.37   | 11.97   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.19  | 19.26   | 11.94   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 11.96  | 19.40   | 11.85   | 13.00  | 19.70   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.06  | 19.00   | 11.98   | 13.00  | 19.70   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 11.84  | 19.43   | 11.57   | 13.00  | 19.70   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 11.74  | 19.41   | 11.57   | 13.00  | 19.70   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 11.76  | 19.13   | 11.37   | 13.00  | 19.70   | 13.00   |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.23                    | 20.18                  | 21.1                |
| 40              | PI/2 BPSK  | 1       | 53        | 20.10                 | 20.19                    | 19.99                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 20.19                 | 20.14                    | 20.13                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 20.16                 | 20.03                    | 20.10                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 28        | 20.24                 | 20.21                    | 20.12                  | 21.1                |
| 40              | PI/2 BPSK  | 50      | 56        | 20.17                 | 20.07                    | 20.00                  | 21.1                |
| 40              | PI/2 BPSK  | 100     | 0         | 20.10                 | 20.06                    | 20.04                  |                     |
| 40              | QPSK       | 1       | 1         | 20.20                 | 20.18                    | 20.09                  | 21.1                |
| 40              | QPSK       | 1       | 53        | 20.20                 | 20.07                    | 20.15                  |                     |
| 40              | QPSK       | 1       | 104       | 20.17                 | 20.08                    | 20.06                  |                     |
| 40              | QPSK       | 50      | 0         | 20.21                 | 20.08                    | 20.04                  | 21.1                |
| 40              | QPSK       | 50      | 28        | 20.09                 | 20.13                    | 20.17                  | 21.1                |
| 40              | QPSK       | 50      | 56        | 20.25                 | 20.21                    | 20.00                  | 21.1                |
| 40              | QPSK       | 100     | 0         | 20.22                 | 20.21                    | 20.05                  |                     |
| 40              | 16QAM      | 1       | 1         | 20.15                 | 20.06                    | 20.03                  | 21.1                |
| 40              | 64QAM      | 1       | 1         | 20.22                 | 20.09                    | 20.04                  | 21.1                |
| 40              | 256QAM     | 1       | 1         | 20.15                 | 20.19                    | 20.08                  | 20.8                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.17                    | 20.18                  | 21.1                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.13                    | 19.98                  | 21.1                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.11                    | 20.11                  | 21.1                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.22                    | 20.09                  | 21.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.76                 | 22.72                    | 22.73                  | 23.5                |
| 40              | PI/2 BPSK  | 1       | 53        | 22.60                 | 22.52                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 22.75                 | 22.63                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.72                 | 22.61                    | 22.60                  | 23.5                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.73                 | 22.64                    | 22.63                  | 23.5                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.67                 | 22.62                    | 22.56                  | 23.5                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.69                 | 22.54                    | 22.65                  |                     |
| 40              | QPSK       | 1       | 1         | 22.63                 | 22.62                    | 22.55                  | 23.5                |
| 40              | QPSK       | 1       | 53        | 22.66                 | 22.52                    | 22.72                  |                     |
| 40              | QPSK       | 1       | 104       | 22.61                 | 22.67                    | 22.72                  |                     |
| 40              | QPSK       | 50      | 0         | 22.65                 | 22.68                    | 22.63                  | 23.5                |
| 40              | QPSK       | 50      | 28        | 22.59                 | 22.61                    | 22.64                  | 23.5                |
| 40              | QPSK       | 50      | 56        | 22.75                 | 22.64                    | 22.61                  | 23.5                |
| 40              | QPSK       | 100     | 0         | 22.70                 | 22.58                    | 22.56                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.69                 | 22.65                    | 22.56                  | 23.5                |
| 40              | 64QAM      | 1       | 1         | 21.54                 | 21.56                    | 21.53                  | 22.4                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.77                    | 19.71                  | 20.4                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.64                    | 22.53                  | 23.5                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.59                    | 22.66                  | 23.5                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.52                    | 22.57                  | 23.5                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.63                    | 22.55                  | 23.5                |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 19.52                 | 19.64                    | 19.50                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 22        | 19.48                 | 19.42                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 12              | 6         | 19.52                 | 19.47                    | 19.54                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 0         | 19.36                 | 19.39                    | 19.51                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 23        | 19.49                 | 19.46                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 24              | 0         | 19.46                 | 19.53                    | 19.65                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 1         | 19.48                 | 19.43                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 22        | 19.50                 | 19.50                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 12              | 6         | 19.61                 | 19.51                    | 19.65                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 0         | 19.32                 | 19.48                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 23        | 19.40                 | 19.31                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 24              | 0         | 19.50                 | 19.54                    | 19.64                  | 20.10               | 20.10   | 20.10   |
| 10                  | 16QAM      | 1               | 1         | 19.46                 | 19.52                    | 19.41                  | 20.10               | 20.10   | 20.10   |
| 10                  | 64QAM      | 1               | 1         | 19.35                 | 19.47                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 10                  | 256QAM     | 1               | 1         | 19.39                 | 19.31                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.62                 | 19.53                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 36        | 19.51                 | 19.55                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 18              | 9         | 19.52                 | 19.49                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.43                 | 19.42                    | 19.42                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 37        | 19.53                 | 19.57                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.61                 | 19.62                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 1         | 19.55                 | 19.56                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 36        | 19.45                 | 19.41                    | 19.53                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 18              | 9         | 19.62                 | 19.52                    | 19.56                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 0         | 19.34                 | 19.39                    | 19.40                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 37        | 19.39                 | 19.45                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 36              | 0         | 19.53                 | 19.50                    | 19.64                  | 20.10               | 20.10   | 20.10   |
| 15                  | 16QAM      | 1               | 1         | 19.56                 | 19.37                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 15                  | 64QAM      | 1               | 1         | 19.51                 | 19.44                    | 19.41                  | 20.10               | 20.10   | 20.10   |
| 15                  | 256QAM     | 1               | 1         | 19.30                 | 19.50                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.64                 | 19.51                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 49        | 19.44                 | 19.47                    | 19.54                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 25              | 12        | 19.64                 | 19.54                    | 19.50                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.50                 | 19.44                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 50        | 19.49                 | 19.59                    | 19.49                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 50              | 0         | 19.63                 | 19.65                    | 19.56                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 1         | 19.42                 | 19.60                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 49        | 19.39                 | 19.50                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 25              | 12        | 19.49                 | 19.55                    | 19.49                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 0         | 19.39                 | 19.35                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 50        | 19.49                 | 19.35                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 50              | 0         | 19.62                 | 19.59                    | 19.47                  | 20.10               | 20.10   | 20.10   |
| 20                  | 16QAM      | 1               | 1         | 19.41                 | 19.48                    | 19.48                  | 20.10               | 20.10   | 20.10   |
| 20                  | 64QAM      | 1               | 1         | 19.42                 | 19.48                    | 19.35                  | 20.10               | 20.10   | 20.10   |
| 20                  | 256QAM     | 1               | 1         | 19.37                 | 19.48                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.91  | 19.63   | 12.91   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 12.84  | 19.48   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.86  | 19.66   | 19.67   | 13.00  | 20.10   | 20.10   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.90  | 19.52   | 12.89   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 12.83  | 19.57   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.85  | 19.64   | 12.93   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.90  | 19.61   | 12.89   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.85  | 19.50   | 12.94   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.88  | 19.63   | 19.63   | 13.00  | 20.10   | 20.10   |
| 30                  | QPSK      | 1               | 0   | 12.91  | 19.47   | 12.91   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 12.81  | 19.46   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.85  | 19.60   | 12.98   | 13.00  | 20.10   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 12.32  | 19.50   | 12.36   | 13.00  | 20.10   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 12.43  | 19.49   | 12.40   | 13.00  | 20.10   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 12.45  | 19.48   | 12.30   | 13.00  | 20.10   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.97  | 19.68   | 12.80   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 12.92  | 19.57   | 12.84   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.89  | 19.66   | 12.86   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.98  | 19.55   | 12.79   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 12.92  | 19.62   | 12.87   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.90  | 19.65   | 12.82   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.96  | 19.61   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 12.92  | 19.53   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.86  | 19.65   | 12.84   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.97  | 19.51   | 12.88   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 12.88  | 19.49   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.90  | 19.64   | 12.83   | 13.00  | 20.10   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 12.47  | 19.57   | 12.53   | 13.00  | 20.10   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 12.39  | 19.51   | 12.24   | 13.00  | 20.10   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 12.38  | 19.50   | 12.24   | 13.00  | 20.10   | 13.00   |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 21.40                 | 21.45                    | 21.47                  | 23.20               | 23.20   | 23.20   |
| 10                  | PI/2 BPSK  | 1               | 22        | 21.41                 | 21.48                    | 21.49                  | 23.20               | 23.20   | 23.20   |
| 10                  | PI/2 BPSK  | 12              | 6         | 21.39                 | 21.46                    | 21.46                  | 23.20               | 23.20   | 23.20   |
| 10                  | PI/2 BPSK  | 1               | 0         | 21.40                 | 21.47                    | 21.39                  | 23.20               | 23.20   | 23.20   |
| 10                  | PI/2 BPSK  | 1               | 23        | 21.47                 | 21.48                    | 21.46                  | 23.20               | 23.20   | 23.20   |
| 10                  | PI/2 BPSK  | 24              | 0         | 21.41                 | 21.43                    | 21.46                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 1               | 1         | 21.47                 | 21.46                    | 21.41                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 1               | 22        | 21.43                 | 21.43                    | 21.49                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 12              | 6         | 21.41                 | 21.48                    | 21.40                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 1               | 0         | 21.41                 | 21.42                    | 21.42                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 1               | 23        | 21.49                 | 21.49                    | 21.39                  | 23.20               | 23.20   | 23.20   |
| 10                  | QPSK       | 24              | 0         | 21.46                 | 21.44                    | 21.39                  | 23.20               | 23.20   | 23.20   |
| 10                  | 16QAM      | 1               | 1         | 21.48                 | 21.44                    | 21.44                  | 23.20               | 23.20   | 23.20   |
| 10                  | 64QAM      | 1               | 1         | 21.24                 | 21.11                    | 20.91                  | 22.00               | 22.00   | 22.00   |
| 10                  | 256QAM     | 1               | 1         | 19.09                 | 19.23                    | 18.97                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.76                 | 21.47                    | 21.44                  | 20.00               | 23.20   | 23.20   |
| 15                  | PI/2 BPSK  | 1               | 36        | 21.37                 | 21.43                    | 19.43                  | 23.20               | 23.20   | 20.00   |
| 15                  | PI/2 BPSK  | 18              | 9         | 21.45                 | 21.38                    | 21.44                  | 23.20               | 23.20   | 23.20   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.71                 | 21.38                    | 21.46                  | 20.00               | 23.20   | 23.20   |
| 15                  | PI/2 BPSK  | 1               | 37        | 21.45                 | 21.37                    | 19.43                  | 23.20               | 23.20   | 20.00   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.63                 | 21.43                    | 19.49                  | 20.00               | 23.20   | 20.00   |
| 15                  | QPSK       | 1               | 1         | 19.85                 | 21.42                    | 21.41                  | 20.00               | 23.20   | 23.20   |
| 15                  | QPSK       | 1               | 36        | 21.39                 | 21.47                    | 19.43                  | 23.20               | 23.20   | 20.00   |
| 15                  | QPSK       | 18              | 9         | 21.42                 | 21.44                    | 21.37                  | 23.20               | 23.20   | 23.20   |
| 15                  | QPSK       | 1               | 0         | 19.69                 | 21.42                    | 21.41                  | 20.00               | 23.20   | 23.20   |
| 15                  | QPSK       | 1               | 37        | 21.43                 | 21.44                    | 19.46                  | 23.20               | 23.20   | 20.00   |
| 15                  | QPSK       | 36              | 0         | 19.67                 | 21.45                    | 19.51                  | 20.00               | 23.20   | 20.00   |
| 15                  | 16QAM      | 1               | 1         | 18.67                 | 21.47                    | 21.41                  | 20.00               | 23.20   | 23.20   |
| 15                  | 64QAM      | 1               | 1         | 18.86                 | 21.32                    | 21.00                  | 20.00               | 22.00   | 22.00   |
| 15                  | 256QAM     | 1               | 1         | 19.36                 | 19.00                    | 19.03                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.75                 | 21.47                    | 21.45                  | 20.00               | 23.20   | 23.20   |
| 20                  | PI/2 BPSK  | 1               | 49        | 21.40                 | 21.44                    | 19.49                  | 23.20               | 23.20   | 20.00   |
| 20                  | PI/2 BPSK  | 25              | 12        | 21.47                 | 21.39                    | 21.46                  | 23.20               | 23.20   | 23.20   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.71                 | 21.43                    | 21.44                  | 20.00               | 23.20   | 23.20   |
| 20                  | PI/2 BPSK  | 1               | 50        | 21.46                 | 21.45                    | 19.47                  | 23.20               | 23.20   | 20.00   |
| 20                  | PI/2 BPSK  | 50              | 0         | 19.67                 | 21.46                    | 19.54                  | 20.00               | 23.20   | 20.00   |
| 20                  | QPSK       | 1               | 1         | 19.80                 | 21.37                    | 21.40                  | 20.00               | 23.20   | 23.20   |
| 20                  | QPSK       | 1               | 49        | 21.43                 | 21.38                    | 19.37                  | 23.20               | 23.20   | 20.00   |
| 20                  | QPSK       | 25              | 12        | 21.41                 | 21.46                    | 21.45                  | 23.20               | 23.20   | 23.20   |
| 20                  | QPSK       | 1               | 0         | 19.80                 | 21.37                    | 21.42                  | 20.00               | 23.20   | 23.20   |
| 20                  | QPSK       | 1               | 50        | 21.45                 | 21.37                    | 19.39                  | 23.20               | 23.20   | 20.00   |
| 20                  | QPSK       | 50              | 0         | 19.68                 | 21.40                    | 19.49                  | 20.00               | 23.20   | 20.00   |
| 20                  | 16QAM      | 1               | 1         | 18.72                 | 21.46                    | 21.41                  | 20.00               | 23.20   | 23.20   |
| 20                  | 64QAM      | 1               | 1         | 18.63                 | 21.30                    | 21.09                  | 20.00               | 22.00   | 22.00   |
| 20                  | 256QAM     | 1               | 1         | 19.44                 | 19.24                    | 19.18                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



**FCC SAR TEST REPORT**

**Report No. : FA3D2001D**

|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.20  | 19.69   | 12.04   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 11.98  | 19.56   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.04  | 21.47   | 21.46   | 13.00  | 23.20   | 23.20   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.23  | 19.74   | 12.02   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 11.99  | 19.56   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.06  | 19.56   | 11.91   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.19  | 19.67   | 12.05   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.00  | 19.52   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.05  | 21.45   | 21.43   | 13.00  | 23.20   | 23.20   |
| 30                  | QPSK      | 1               | 0   | 12.18  | 19.68   | 12.03   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 11.98  | 19.51   | 11.80   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.03  | 19.55   | 11.91   | 13.00  | 20.00   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 11.68  | 19.56   | 11.48   | 13.00  | 20.00   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 11.57  | 19.58   | 11.48   | 13.00  | 20.00   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 11.78  | 19.17   | 11.56   | 13.00  | 20.00   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.22  | 19.74   | 11.98   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 11.97  | 19.51   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.05  | 21.49   | 11.95   | 13.00  | 23.20   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.21  | 19.75   | 11.99   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 11.93  | 19.49   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.09  | 19.06   | 11.95   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.21  | 19.64   | 11.97   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 11.97  | 19.41   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.06  | 21.47   | 11.97   | 13.00  | 23.20   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.19  | 19.63   | 11.94   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 11.96  | 19.41   | 11.85   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.06  | 19.06   | 11.98   | 13.00  | 20.00   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 11.84  | 19.65   | 11.57   | 13.00  | 20.00   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 11.74  | 19.76   | 11.57   | 13.00  | 20.00   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 11.76  | 19.17   | 11.37   | 13.00  | 20.00   | 13.00   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.32                    | 21.29                  | 22.6                |
| 40              | PI/2 BPSK  | 1       | 53        | 21.21                 | 21.20                    | 21.16                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 21.19                 | 21.25                    | 21.20                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 21.15                 | 21.18                    | 21.17                  | 22.6                |
| 40              | PI/2 BPSK  | 50      | 28        | 21.16                 | 21.24                    | 21.21                  | 22.6                |
| 40              | PI/2 BPSK  | 50      | 56        | 21.11                 | 21.21                    | 21.20                  | 22.6                |
| 40              | PI/2 BPSK  | 100     | 0         | 21.20                 | 21.23                    | 21.18                  |                     |
| 40              | QPSK       | 1       | 1         | 21.15                 | 21.15                    | 21.20                  | 22.6                |
| 40              | QPSK       | 1       | 53        | 21.26                 | 21.20                    | 21.19                  |                     |
| 40              | QPSK       | 1       | 104       | 21.17                 | 21.13                    | 21.21                  |                     |
| 40              | QPSK       | 50      | 0         | 21.21                 | 21.20                    | 21.10                  | 22.6                |
| 40              | QPSK       | 50      | 28        | 21.26                 | 21.16                    | 21.25                  | 22.6                |
| 40              | QPSK       | 50      | 56        | 21.10                 | 21.20                    | 21.24                  | 22.6                |
| 40              | QPSK       | 100     | 0         | 21.17                 | 21.25                    | 21.16                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.29                 | 21.14                    | 21.12                  | 22.6                |
| 40              | 64QAM      | 1       | 1         | 21.12                 | 21.21                    | 21.27                  | 22.6                |
| 40              | 256QAM     | 1       | 1         | 20.30                 | 20.33                    | 20.29                  | 20.8                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.24                    | 21.11                  | 22.6                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.12                    | 21.22                  | 22.6                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.21                    | 21.13                  | 22.6                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.22                    | 21.23                  | 22.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.76                 | 22.72                    | 22.73                  | 24.3                |
| 40              | PI/2 BPSK  | 1       | 53        | 22.60                 | 22.52                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 22.75                 | 22.63                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.72                 | 22.61                    | 22.60                  | 24.3                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.73                 | 22.64                    | 22.63                  | 24.3                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.67                 | 22.62                    | 22.56                  | 24.3                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.69                 | 22.54                    | 22.65                  |                     |
| 40              | QPSK       | 1       | 1         | 22.63                 | 22.62                    | 22.55                  | 24.3                |
| 40              | QPSK       | 1       | 53        | 22.66                 | 22.52                    | 22.72                  |                     |
| 40              | QPSK       | 1       | 104       | 22.61                 | 22.67                    | 22.72                  |                     |
| 40              | QPSK       | 50      | 0         | 22.65                 | 22.68                    | 22.63                  | 23.9                |
| 40              | QPSK       | 50      | 28        | 22.59                 | 22.61                    | 22.64                  | 24.3                |
| 40              | QPSK       | 50      | 56        | 22.75                 | 22.64                    | 22.61                  | 23.9                |
| 40              | QPSK       | 100     | 0         | 22.70                 | 22.58                    | 22.56                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.69                 | 22.65                    | 22.56                  | 23.9                |
| 40              | 64QAM      | 1       | 1         | 21.54                 | 21.56                    | 21.53                  | 22.4                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.77                    | 19.71                  | 20.4                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.64                    | 22.53                  | 24.3                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.59                    | 22.66                  | 24.3                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.52                    | 22.57                  | 24.3                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.63                    | 22.55                  | 24.3                |





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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 19.52                 | 19.64                    | 19.50                  | 20.90               | 20.90   | 20.90   |
| 10                  | PI/2 BPSK  | 1               | 22        | 19.48                 | 19.42                    | 19.55                  | 20.90               | 20.90   | 20.90   |
| 10                  | PI/2 BPSK  | 12              | 6         | 19.52                 | 19.47                    | 19.54                  | 20.90               | 20.90   | 20.90   |
| 10                  | PI/2 BPSK  | 1               | 0         | 19.36                 | 19.39                    | 19.51                  | 20.90               | 20.90   | 20.90   |
| 10                  | PI/2 BPSK  | 1               | 23        | 19.49                 | 19.46                    | 19.57                  | 20.90               | 20.90   | 20.90   |
| 10                  | PI/2 BPSK  | 24              | 0         | 19.46                 | 19.53                    | 19.65                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 1               | 1         | 19.48                 | 19.43                    | 19.52                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 1               | 22        | 19.50                 | 19.50                    | 19.46                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 12              | 6         | 19.61                 | 19.51                    | 19.65                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 1               | 0         | 19.32                 | 19.48                    | 19.32                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 1               | 23        | 19.40                 | 19.31                    | 19.39                  | 20.90               | 20.90   | 20.90   |
| 10                  | QPSK       | 24              | 0         | 19.50                 | 19.54                    | 19.64                  | 20.90               | 20.90   | 20.90   |
| 10                  | 16QAM      | 1               | 1         | 19.46                 | 19.52                    | 19.41                  | 20.90               | 20.90   | 20.90   |
| 10                  | 64QAM      | 1               | 1         | 19.35                 | 19.47                    | 19.38                  | 20.90               | 20.90   | 20.90   |
| 10                  | 256QAM     | 1               | 1         | 19.39                 | 19.31                    | 19.39                  | 20.90               | 20.90   | 20.90   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.62                 | 19.53                    | 19.52                  | 20.90               | 20.90   | 20.90   |
| 15                  | PI/2 BPSK  | 1               | 36        | 19.51                 | 19.55                    | 19.38                  | 20.90               | 20.90   | 20.90   |
| 15                  | PI/2 BPSK  | 18              | 9         | 19.52                 | 19.49                    | 19.46                  | 20.90               | 20.90   | 20.90   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.43                 | 19.42                    | 19.42                  | 20.90               | 20.90   | 20.90   |
| 15                  | PI/2 BPSK  | 1               | 37        | 19.53                 | 19.57                    | 19.57                  | 20.90               | 20.90   | 20.90   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.61                 | 19.62                    | 19.55                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 1               | 1         | 19.55                 | 19.56                    | 19.45                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 1               | 36        | 19.45                 | 19.41                    | 19.53                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 18              | 9         | 19.62                 | 19.52                    | 19.56                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 1               | 0         | 19.34                 | 19.39                    | 19.40                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 1               | 37        | 19.39                 | 19.45                    | 19.45                  | 20.90               | 20.90   | 20.90   |
| 15                  | QPSK       | 36              | 0         | 19.53                 | 19.50                    | 19.64                  | 20.90               | 20.90   | 20.90   |
| 15                  | 16QAM      | 1               | 1         | 19.56                 | 19.37                    | 19.52                  | 20.90               | 20.90   | 20.90   |
| 15                  | 64QAM      | 1               | 1         | 19.51                 | 19.44                    | 19.41                  | 20.90               | 20.90   | 20.90   |
| 15                  | 256QAM     | 1               | 1         | 19.30                 | 19.50                    | 19.39                  | 20.90               | 20.90   | 20.90   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.64                 | 19.51                    | 19.55                  | 20.90               | 20.90   | 20.90   |
| 20                  | PI/2 BPSK  | 1               | 49        | 19.44                 | 19.47                    | 19.54                  | 20.90               | 20.90   | 20.90   |
| 20                  | PI/2 BPSK  | 25              | 12        | 19.64                 | 19.54                    | 19.50                  | 20.90               | 20.90   | 20.90   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.50                 | 19.44                    | 19.38                  | 20.90               | 20.90   | 20.90   |
| 20                  | PI/2 BPSK  | 1               | 50        | 19.49                 | 19.59                    | 19.49                  | 20.90               | 20.90   | 20.90   |
| 20                  | PI/2 BPSK  | 50              | 0         | 19.63                 | 19.65                    | 19.56                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 1               | 1         | 19.42                 | 19.60                    | 19.57                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 1               | 49        | 19.39                 | 19.50                    | 19.46                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 25              | 12        | 19.49                 | 19.55                    | 19.49                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 1               | 0         | 19.39                 | 19.35                    | 19.45                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 1               | 50        | 19.49                 | 19.35                    | 19.32                  | 20.90               | 20.90   | 20.90   |
| 20                  | QPSK       | 50              | 0         | 19.62                 | 19.59                    | 19.47                  | 20.90               | 20.90   | 20.90   |
| 20                  | 16QAM      | 1               | 1         | 19.41                 | 19.48                    | 19.48                  | 20.90               | 20.90   | 20.90   |
| 20                  | 64QAM      | 1               | 1         | 19.42                 | 19.48                    | 19.35                  | 20.90               | 20.90   | 20.90   |
| 20                  | 256QAM     | 1               | 1         | 19.37                 | 19.48                    | 19.32                  | 20.90               | 20.90   | 20.90   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.91  | 19.63   | 12.91   | 13.00  | 20.90   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 12.84  | 19.48   | 12.95   | 13.00  | 20.90   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.86  | 19.66   | 19.67   | 13.00  | 20.90   | 20.90   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.90  | 19.52   | 12.89   | 13.00  | 20.90   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 12.83  | 19.57   | 12.95   | 13.00  | 20.90   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.85  | 19.64   | 12.93   | 13.00  | 20.90   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.90  | 19.61   | 12.89   | 13.00  | 20.90   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.85  | 19.50   | 12.94   | 13.00  | 20.90   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.88  | 19.63   | 19.63   | 13.00  | 20.90   | 20.90   |
| 30                  | QPSK      | 1               | 0   | 12.91  | 19.47   | 12.91   | 13.00  | 20.90   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 12.81  | 19.46   | 12.95   | 13.00  | 20.90   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.85  | 19.60   | 12.98   | 13.00  | 20.90   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 12.32  | 19.50   | 12.36   | 13.00  | 20.90   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 12.43  | 19.49   | 12.40   | 13.00  | 20.90   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 12.45  | 19.48   | 12.30   | 13.00  | 20.90   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.97  | 19.68   | 12.80   | 13.00  | 20.90   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 12.92  | 19.57   | 12.84   | 13.00  | 20.90   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.89  | 19.66   | 12.86   | 13.00  | 20.90   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.98  | 19.55   | 12.79   | 13.00  | 20.90   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 12.92  | 19.62   | 12.87   | 13.00  | 20.90   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.90  | 19.65   | 12.82   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.96  | 19.61   | 12.91   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 12.92  | 19.53   | 12.91   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.86  | 19.65   | 12.84   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.97  | 19.51   | 12.88   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 12.88  | 19.49   | 12.91   | 13.00  | 20.90   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.90  | 19.64   | 12.83   | 13.00  | 20.90   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 12.47  | 19.57   | 12.53   | 13.00  | 20.90   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 12.39  | 19.51   | 12.24   | 13.00  | 20.90   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 12.38  | 19.50   | 12.24   | 13.00  | 20.90   | 13.00   |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 21.40                 | 21.45                    | 21.47                  | 22.40               | 22.40   | 22.40   |
| 10                  | PI/2 BPSK  | 1               | 22        | 21.41                 | 21.48                    | 21.49                  | 22.40               | 22.40   | 22.40   |
| 10                  | PI/2 BPSK  | 12              | 6         | 21.39                 | 21.46                    | 21.46                  | 22.40               | 22.40   | 22.40   |
| 10                  | PI/2 BPSK  | 1               | 0         | 21.40                 | 21.47                    | 21.39                  | 22.40               | 22.40   | 22.40   |
| 10                  | PI/2 BPSK  | 1               | 23        | 21.47                 | 21.48                    | 21.46                  | 22.40               | 22.40   | 22.40   |
| 10                  | PI/2 BPSK  | 24              | 0         | 21.41                 | 21.43                    | 21.46                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 1               | 1         | 21.47                 | 21.46                    | 21.41                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 1               | 22        | 21.43                 | 21.43                    | 21.49                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 12              | 6         | 21.41                 | 21.48                    | 21.40                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 1               | 0         | 21.41                 | 21.42                    | 21.42                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 1               | 23        | 21.49                 | 21.49                    | 21.39                  | 22.40               | 22.40   | 22.40   |
| 10                  | QPSK       | 24              | 0         | 21.46                 | 21.44                    | 21.39                  | 22.40               | 22.40   | 22.40   |
| 10                  | 16QAM      | 1               | 1         | 21.48                 | 21.44                    | 21.44                  | 22.40               | 22.40   | 22.40   |
| 10                  | 64QAM      | 1               | 1         | 21.24                 | 21.11                    | 20.91                  | 22.00               | 22.00   | 22.00   |
| 10                  | 256QAM     | 1               | 1         | 19.09                 | 19.23                    | 18.97                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.76                 | 21.47                    | 21.44                  | 20.00               | 22.40   | 22.40   |
| 15                  | PI/2 BPSK  | 1               | 36        | 21.37                 | 21.43                    | 19.43                  | 22.40               | 22.40   | 20.00   |
| 15                  | PI/2 BPSK  | 18              | 9         | 21.45                 | 21.38                    | 21.44                  | 22.40               | 22.40   | 22.40   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.71                 | 21.38                    | 21.46                  | 20.00               | 22.40   | 22.40   |
| 15                  | PI/2 BPSK  | 1               | 37        | 21.45                 | 21.37                    | 19.43                  | 22.40               | 22.40   | 20.00   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.63                 | 21.43                    | 19.49                  | 20.00               | 22.40   | 20.00   |
| 15                  | QPSK       | 1               | 1         | 19.85                 | 21.42                    | 21.41                  | 20.00               | 22.40   | 22.40   |
| 15                  | QPSK       | 1               | 36        | 21.39                 | 21.47                    | 19.43                  | 22.40               | 22.40   | 20.00   |
| 15                  | QPSK       | 18              | 9         | 21.42                 | 21.44                    | 21.37                  | 22.40               | 22.40   | 22.40   |
| 15                  | QPSK       | 1               | 0         | 19.69                 | 21.42                    | 21.41                  | 20.00               | 22.40   | 22.40   |
| 15                  | QPSK       | 1               | 37        | 21.43                 | 21.44                    | 19.46                  | 22.40               | 22.40   | 20.00   |
| 15                  | QPSK       | 36              | 0         | 19.67                 | 21.45                    | 19.51                  | 20.00               | 22.40   | 20.00   |
| 15                  | 16QAM      | 1               | 1         | 18.67                 | 21.47                    | 21.41                  | 20.00               | 22.40   | 22.40   |
| 15                  | 64QAM      | 1               | 1         | 18.86                 | 21.32                    | 21.00                  | 20.00               | 22.00   | 22.00   |
| 15                  | 256QAM     | 1               | 1         | 19.36                 | 19.00                    | 19.03                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.75                 | 21.47                    | 21.45                  | 20.00               | 22.40   | 22.40   |
| 20                  | PI/2 BPSK  | 1               | 49        | 21.40                 | 21.44                    | 19.49                  | 22.40               | 22.40   | 20.00   |
| 20                  | PI/2 BPSK  | 25              | 12        | 21.47                 | 21.39                    | 21.46                  | 22.40               | 22.40   | 22.40   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.71                 | 21.43                    | 21.44                  | 20.00               | 22.40   | 22.40   |
| 20                  | PI/2 BPSK  | 1               | 50        | 21.46                 | 21.45                    | 19.47                  | 22.40               | 22.40   | 20.00   |
| 20                  | PI/2 BPSK  | 50              | 0         | 19.67                 | 21.46                    | 19.54                  | 20.00               | 22.40   | 20.00   |
| 20                  | QPSK       | 1               | 1         | 19.80                 | 21.37                    | 21.40                  | 20.00               | 22.40   | 22.40   |
| 20                  | QPSK       | 1               | 49        | 21.43                 | 21.38                    | 19.37                  | 22.40               | 22.40   | 20.00   |
| 20                  | QPSK       | 25              | 12        | 21.41                 | 21.46                    | 21.45                  | 22.40               | 22.40   | 22.40   |
| 20                  | QPSK       | 1               | 0         | 19.80                 | 21.37                    | 21.42                  | 20.00               | 22.40   | 22.40   |
| 20                  | QPSK       | 1               | 50        | 21.45                 | 21.37                    | 19.39                  | 22.40               | 22.40   | 20.00   |
| 20                  | QPSK       | 50              | 0         | 19.68                 | 21.40                    | 19.49                  | 20.00               | 22.40   | 20.00   |
| 20                  | 16QAM      | 1               | 1         | 18.72                 | 21.46                    | 21.41                  | 20.00               | 22.40   | 22.40   |
| 20                  | 64QAM      | 1               | 1         | 18.63                 | 21.30                    | 21.09                  | 20.00               | 22.00   | 22.00   |
| 20                  | 256QAM     | 1               | 1         | 19.44                 | 19.24                    | 19.18                  | 20.00               | 20.00   | 20.00   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



**FCC SAR TEST REPORT**

**Report No. : FA3D2001D**

|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.20  | 19.69   | 12.04   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 11.98  | 19.56   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.04  | 21.47   | 21.46   | 13.00  | 22.40   | 22.40   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.23  | 19.74   | 12.02   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 11.99  | 19.56   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.06  | 19.56   | 11.91   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.19  | 19.67   | 12.05   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.00  | 19.52   | 11.82   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.05  | 21.45   | 21.43   | 13.00  | 22.40   | 22.40   |
| 30                  | QPSK      | 1               | 0   | 12.18  | 19.68   | 12.03   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 11.98  | 19.51   | 11.80   | 13.00  | 20.00   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.03  | 19.55   | 11.91   | 13.00  | 20.00   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 11.68  | 19.56   | 11.48   | 13.00  | 20.00   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 11.57  | 19.58   | 11.48   | 13.00  | 20.00   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 11.78  | 19.17   | 11.56   | 13.00  | 20.00   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.22  | 19.74   | 11.98   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 11.97  | 19.51   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.05  | 21.50   | 11.95   | 13.00  | 22.40   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.21  | 19.75   | 11.99   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 11.93  | 19.49   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.09  | 19.06   | 11.95   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.21  | 19.64   | 11.97   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 11.97  | 19.41   | 11.84   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.06  | 21.47   | 11.97   | 13.00  | 22.40   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.19  | 19.63   | 11.94   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 11.96  | 19.41   | 11.85   | 13.00  | 20.00   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.06  | 19.06   | 11.98   | 13.00  | 20.00   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 11.84  | 19.65   | 11.57   | 13.00  | 20.00   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 11.74  | 19.76   | 11.57   | 13.00  | 20.00   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 11.76  | 19.17   | 11.37   | 13.00  | 20.00   | 13.00   |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.30                 | 21.32                    | 21.29                  | 21.8                |
| 40              | PI/2 BPSK  | 1       | 53        | 21.21                 | 21.20                    | 21.16                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 21.19                 | 21.25                    | 21.20                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 21.15                 | 21.18                    | 21.17                  | 21.8                |
| 40              | PI/2 BPSK  | 50      | 28        | 21.16                 | 21.24                    | 21.21                  | 21.8                |
| 40              | PI/2 BPSK  | 50      | 56        | 21.11                 | 21.21                    | 21.20                  | 21.8                |
| 40              | PI/2 BPSK  | 100     | 0         | 21.20                 | 21.23                    | 21.18                  |                     |
| 40              | QPSK       | 1       | 1         | 21.15                 | 21.15                    | 21.20                  | 21.8                |
| 40              | QPSK       | 1       | 53        | 21.26                 | 21.20                    | 21.19                  |                     |
| 40              | QPSK       | 1       | 104       | 21.17                 | 21.13                    | 21.21                  |                     |
| 40              | QPSK       | 50      | 0         | 21.21                 | 21.20                    | 21.10                  | 21.8                |
| 40              | QPSK       | 50      | 28        | 21.26                 | 21.16                    | 21.25                  | 21.8                |
| 40              | QPSK       | 50      | 56        | 21.10                 | 21.20                    | 21.24                  | 21.8                |
| 40              | QPSK       | 100     | 0         | 21.17                 | 21.25                    | 21.16                  |                     |
| 40              | 16QAM      | 1       | 1         | 21.29                 | 21.14                    | 21.12                  | 21.8                |
| 40              | 64QAM      | 1       | 1         | 21.12                 | 21.21                    | 21.27                  | 21.8                |
| 40              | 256QAM     | 1       | 1         | 20.30                 | 20.33                    | 20.29                  | 20.8                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.24                    | 21.11                  | 21.8                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.12                    | 21.22                  | 21.8                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.21                    | 21.13                  | 21.8                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.22                    | 21.23                  | 21.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 638000                | 641666                   | 645332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3570                  | 3624.99                  | 3679.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.76                 | 22.72                    | 22.73                  | 23.5                |
| 40              | PI/2 BPSK  | 1       | 53        | 22.60                 | 22.52                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 1       | 104       | 22.75                 | 22.63                    | 22.62                  |                     |
| 40              | PI/2 BPSK  | 50      | 0         | 22.72                 | 22.61                    | 22.60                  | 23.5                |
| 40              | PI/2 BPSK  | 50      | 28        | 22.73                 | 22.64                    | 22.63                  | 23.5                |
| 40              | PI/2 BPSK  | 50      | 56        | 22.67                 | 22.62                    | 22.56                  | 23.5                |
| 40              | PI/2 BPSK  | 100     | 0         | 22.69                 | 22.54                    | 22.65                  |                     |
| 40              | QPSK       | 1       | 1         | 22.63                 | 22.62                    | 22.55                  | 23.5                |
| 40              | QPSK       | 1       | 53        | 22.66                 | 22.52                    | 22.72                  |                     |
| 40              | QPSK       | 1       | 104       | 22.61                 | 22.67                    | 22.72                  |                     |
| 40              | QPSK       | 50      | 0         | 22.65                 | 22.68                    | 22.63                  | 23.5                |
| 40              | QPSK       | 50      | 28        | 22.59                 | 22.61                    | 22.64                  | 23.5                |
| 40              | QPSK       | 50      | 56        | 22.75                 | 22.64                    | 22.61                  | 23.5                |
| 40              | QPSK       | 100     | 0         | 22.70                 | 22.58                    | 22.56                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.69                 | 22.65                    | 22.56                  | 23.5                |
| 40              | 64QAM      | 1       | 1         | 21.54                 | 21.56                    | 21.53                  | 22.4                |
| 40              | 256QAM     | 1       | 1         | 19.79                 | 19.77                    | 19.71                  | 20.4                |
| Channel         |            |         |           | 637668                | 641666                   | 645666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3565.02               | 3624.99                  | 3684.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.64                    | 22.53                  | 23.5                |
| Channel         |            |         |           | 637334                | 641666                   | 646000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3560.01               | 3624.99                  | 3690                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.58                 | 22.59                    | 22.66                  | 23.5                |
| Channel         |            |         |           | 637168                | 641666                   | 646166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3557.52               | 3624.99                  | 3692.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.52                    | 22.57                  | 23.5                |
| Channel         |            |         |           | 637000                | 641666                   | 646332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3555                  | 3624.99                  | 3694.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.63                    | 22.55                  | 23.5                |



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| BW [MHz]            | Modulation | RB Size         | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |         |         |
|---------------------|------------|-----------------|-----------|-----------------------|--------------------------|------------------------|---------------------|---------|---------|
| Sub carrier spacing |            | Channel         |           | 637000                | 641666                   | 646332                 | 637000              | 641666  | 646332  |
| 30k                 | Hz         | Frequency (MHz) |           | 3555                  | 3624.99                  | 3694.98                | 3555                | 3624.99 | 3694.98 |
| 10                  | PI/2 BPSK  | 1               | 1         | 19.52                 | 19.64                    | 19.50                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 22        | 19.48                 | 19.42                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 12              | 6         | 19.52                 | 19.47                    | 19.54                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 0         | 19.36                 | 19.39                    | 19.51                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 1               | 23        | 19.49                 | 19.46                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 10                  | PI/2 BPSK  | 24              | 0         | 19.46                 | 19.53                    | 19.65                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 1         | 19.48                 | 19.43                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 22        | 19.50                 | 19.50                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 12              | 6         | 19.61                 | 19.51                    | 19.65                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 0         | 19.32                 | 19.48                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 1               | 23        | 19.40                 | 19.31                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| 10                  | QPSK       | 24              | 0         | 19.50                 | 19.54                    | 19.64                  | 20.10               | 20.10   | 20.10   |
| 10                  | 16QAM      | 1               | 1         | 19.46                 | 19.52                    | 19.41                  | 20.10               | 20.10   | 20.10   |
| 10                  | 64QAM      | 1               | 1         | 19.35                 | 19.47                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 10                  | 256QAM     | 1               | 1         | 19.39                 | 19.31                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637168                | 641666                   | 646166                 | 637168              | 641666  | 646166  |
| 30k                 | Hz         | Frequency (MHz) |           | 3557.52               | 3624.99                  | 3692.49                | 3557.52             | 3624.99 | 3692.49 |
| 15                  | PI/2 BPSK  | 1               | 1         | 19.62                 | 19.53                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 36        | 19.51                 | 19.55                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 18              | 9         | 19.52                 | 19.49                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 0         | 19.43                 | 19.42                    | 19.42                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 1               | 37        | 19.53                 | 19.57                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 15                  | PI/2 BPSK  | 36              | 0         | 19.61                 | 19.62                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 1         | 19.55                 | 19.56                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 36        | 19.45                 | 19.41                    | 19.53                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 18              | 9         | 19.62                 | 19.52                    | 19.56                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 0         | 19.34                 | 19.39                    | 19.40                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 1               | 37        | 19.39                 | 19.45                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 15                  | QPSK       | 36              | 0         | 19.53                 | 19.50                    | 19.64                  | 20.10               | 20.10   | 20.10   |
| 15                  | 16QAM      | 1               | 1         | 19.56                 | 19.37                    | 19.52                  | 20.10               | 20.10   | 20.10   |
| 15                  | 64QAM      | 1               | 1         | 19.51                 | 19.44                    | 19.41                  | 20.10               | 20.10   | 20.10   |
| 15                  | 256QAM     | 1               | 1         | 19.30                 | 19.50                    | 19.39                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637334                | 641666                   | 646000                 | 637334              | 641666  | 646000  |
| 30k                 | Hz         | Frequency (MHz) |           | 3560.01               | 3624.99                  | 3690                   | 3560.01             | 3624.99 | 3690    |
| 20                  | PI/2 BPSK  | 1               | 1         | 19.64                 | 19.51                    | 19.55                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 49        | 19.44                 | 19.47                    | 19.54                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 25              | 12        | 19.64                 | 19.54                    | 19.50                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 0         | 19.50                 | 19.44                    | 19.38                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 1               | 50        | 19.49                 | 19.59                    | 19.49                  | 20.10               | 20.10   | 20.10   |
| 20                  | PI/2 BPSK  | 50              | 0         | 19.63                 | 19.65                    | 19.56                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 1         | 19.42                 | 19.60                    | 19.57                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 49        | 19.39                 | 19.50                    | 19.46                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 25              | 12        | 19.49                 | 19.55                    | 19.49                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 0         | 19.39                 | 19.35                    | 19.45                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 1               | 50        | 19.49                 | 19.35                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| 20                  | QPSK       | 50              | 0         | 19.62                 | 19.59                    | 19.47                  | 20.10               | 20.10   | 20.10   |
| 20                  | 16QAM      | 1               | 1         | 19.41                 | 19.48                    | 19.48                  | 20.10               | 20.10   | 20.10   |
| 20                  | 64QAM      | 1               | 1         | 19.42                 | 19.48                    | 19.35                  | 20.10               | 20.10   | 20.10   |
| 20                  | 256QAM     | 1               | 1         | 19.37                 | 19.48                    | 19.32                  | 20.10               | 20.10   | 20.10   |
| Sub carrier spacing |            | Channel         |           | 637668                | 641666                   | 645666                 | 637668              | 641666  | 645666  |
| 30k                 | Hz         | Frequency (MHz) |           | 3565.02               | 3624.99                  | 3684.99                | 3565.02             | 3624.99 | 3684.99 |



**FCC SAR TEST REPORT**

**Report No. : FA3D2001D**

|                     |           |                 |     |        |         |         |        |         |         |
|---------------------|-----------|-----------------|-----|--------|---------|---------|--------|---------|---------|
| 30                  | PI/2 BPSK | 1               | 1   | 12.91  | 19.63   | 12.91   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 76  | 12.84  | 19.48   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 36              | 18  | 12.86  | 19.66   | 19.67   | 13.00  | 20.10   | 20.10   |
| 30                  | PI/2 BPSK | 1               | 0   | 12.90  | 19.52   | 12.89   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 1               | 77  | 12.83  | 19.57   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | PI/2 BPSK | 75              | 0   | 12.85  | 19.64   | 12.93   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 1   | 12.90  | 19.61   | 12.89   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 76  | 12.85  | 19.50   | 12.94   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 36              | 18  | 12.88  | 19.63   | 19.63   | 13.00  | 20.10   | 20.10   |
| 30                  | QPSK      | 1               | 0   | 12.91  | 19.47   | 12.91   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 1               | 77  | 12.81  | 19.46   | 12.95   | 13.00  | 20.10   | 13.00   |
| 30                  | QPSK      | 75              | 0   | 12.85  | 19.60   | 12.98   | 13.00  | 20.10   | 13.00   |
| 30                  | 16QAM     | 1               | 1   | 12.32  | 19.50   | 12.36   | 13.00  | 20.10   | 13.00   |
| 30                  | 64QAM     | 1               | 1   | 12.43  | 19.49   | 12.40   | 13.00  | 20.10   | 13.00   |
| 30                  | 256QAM    | 1               | 1   | 12.45  | 19.48   | 12.30   | 13.00  | 20.10   | 13.00   |
| Sub carrier spacing |           | Channel         |     | 638000 | 641666  | 645332  | 638000 | 641666  | 645332  |
| 30k                 | Hz        | Frequency (MHz) |     | 3570   | 3624.99 | 3679.98 | 3570   | 3624.99 | 3679.98 |
| 40                  | PI/2 BPSK | 1               | 1   | 12.97  | 19.68   | 12.80   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 104 | 12.92  | 19.57   | 12.84   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 50              | 25  | 12.89  | 19.66   | 12.86   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 0   | 12.98  | 19.55   | 12.79   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 1               | 105 | 12.92  | 19.62   | 12.87   | 13.00  | 20.10   | 13.00   |
| 40                  | PI/2 BPSK | 100             | 0   | 12.90  | 19.65   | 12.82   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 1   | 12.96  | 19.61   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 104 | 12.92  | 19.53   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 50              | 25  | 12.86  | 19.65   | 12.84   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 0   | 12.97  | 19.51   | 12.88   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 1               | 105 | 12.88  | 19.49   | 12.91   | 13.00  | 20.10   | 13.00   |
| 40                  | QPSK      | 100             | 0   | 12.90  | 19.64   | 12.83   | 13.00  | 20.10   | 13.00   |
| 40                  | 16QAM     | 1               | 1   | 12.47  | 19.57   | 12.53   | 13.00  | 20.10   | 13.00   |
| 40                  | 64QAM     | 1               | 1   | 12.39  | 19.51   | 12.24   | 13.00  | 20.10   | 13.00   |
| 40                  | 256QAM    | 1               | 1   | 12.38  | 19.50   | 12.24   | 13.00  | 20.10   | 13.00   |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 | 25.6                |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.57                 | 24.51                    | 24.44                  |                     |
| 40              | PI/2 BPSK  | 1       | 108       | 24.44                 | 24.48                    | 24.34                  | 25.1                |
| 40              | PI/2 BPSK  | 1       | 214       | 24.35                 | 24.33                    | 24.22                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.99                 | 23.99                    | 23.89                  | 25.6                |
| 40              | PI/2 BPSK  | 108     | 54        | 24.37                 | 24.40                    | 24.29                  |                     |
| 40              | PI/2 BPSK  | 108     | 108       | 23.89                 | 23.91                    | 23.81                  | 25.1                |
| 40              | PI/2 BPSK  | 216     | 0         | 23.95                 | 23.91                    | 23.75                  |                     |
| 40              | QPSK       | 1       | 1         | 24.48                 | 24.45                    | 24.38                  | 25.6                |
| 40              | QPSK       | 1       | 108       | 24.43                 | 24.37                    | 24.26                  |                     |
| 40              | QPSK       | 1       | 214       | 24.35                 | 24.32                    | 24.24                  |                     |
| 40              | QPSK       | 108     | 0         | 23.45                 | 23.48                    | 23.36                  | 24.6                |
| 40              | QPSK       | 108     | 54        | 24.37                 | 24.41                    | 24.29                  |                     |
| 40              | QPSK       | 108     | 108       | 23.43                 | 23.41                    | 23.25                  | 24.6                |
| 40              | QPSK       | 216     | 0         | 23.42                 | 23.39                    | 23.32                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.41                 | 23.43                    | 23.31                  | 24.6                |
| 40              | 64QAM      | 1       | 1         | 21.89                 | 21.93                    | 21.76                  |                     |
| 40              | 256QAM     | 1       | 1         | 20.03                 | 19.98                    | 19.91                  | 21.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.51                 | 24.42                    | 24.34                  | 25.6                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.35                    | 24.40                  | 25.6                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.51                 | 24.42                    | 24.31                  | 25.6                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.50                 | 24.41                    | 24.26                  | 25.6                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.32                    | 24.44                  | 25.6                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.47                 | 24.31                    | 24.25                  | 25.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.87                 | 16.89                    | 16.84                  | 17.1                |
| 40              | PI/2 BPSK  | 1       | 108       | 16.82                 | 16.79                    | 16.82                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 16.76                 | 16.74                    | 16.70                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 16.76                 | 16.79                    | 16.76                  | 17.1                |
| 40              | PI/2 BPSK  | 108     | 54        | 16.69                 | 16.78                    | 16.74                  | 17.1                |
| 40              | PI/2 BPSK  | 108     | 108       | 16.68                 | 16.76                    | 16.79                  | 17.1                |
| 40              | PI/2 BPSK  | 216     | 0         | 16.87                 | 16.81                    | 16.66                  |                     |
| 40              | QPSK       | 1       | 1         | 16.78                 | 16.84                    | 16.78                  | 17.1                |
| 40              | QPSK       | 1       | 108       | 16.67                 | 16.87                    | 16.77                  |                     |
| 40              | QPSK       | 1       | 214       | 16.69                 | 16.83                    | 16.70                  |                     |
| 40              | QPSK       | 108     | 0         | 16.76                 | 16.69                    | 16.64                  | 17.1                |
| 40              | QPSK       | 108     | 54        | 16.79                 | 16.82                    | 16.73                  | 17.1                |
| 40              | QPSK       | 108     | 108       | 16.73                 | 16.87                    | 16.78                  | 17.1                |
| 40              | QPSK       | 216     | 0         | 16.71                 | 16.72                    | 16.74                  |                     |
| 40              | 16QAM      | 1       | 1         | 16.83                 | 16.83                    | 16.73                  | 17.1                |
| 40              | 64QAM      | 1       | 1         | 16.78                 | 16.71                    | 16.70                  | 17.1                |
| 40              | 256QAM     | 1       | 1         | 16.68                 | 16.84                    | 16.78                  | 17.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.72                 | 16.85                    | 16.68                  | 17.1                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.74                 | 16.82                    | 16.73                  | 17.1                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.71                 | 16.78                    | 16.77                  | 17.1                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.69                 | 16.72                    | 16.66                  | 17.1                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.73                 | 16.80                    | 16.79                  | 17.1                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 16.74                 | 16.69                    | 16.84                  | 17.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.22                 | 24.29                    | 24.24                  | 25.6                |
| 40              | PI/2 BPSK  | 1       | 108       | 24.02                 | 24.12                    | 24.05                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 24.09                 | 24.23                    | 24.14                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.73                 | 23.87                    | 23.75                  | 25.1                |
| 40              | PI/2 BPSK  | 108     | 54        | 24.01                 | 24.17                    | 24.07                  | 25.6                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.57                 | 23.73                    | 23.59                  | 25.1                |
| 40              | PI/2 BPSK  | 216     | 0         | 23.59                 | 23.69                    | 23.56                  |                     |
| 40              | QPSK       | 1       | 1         | 24.12                 | 24.26                    | 24.15                  | 25.6                |
| 40              | QPSK       | 1       | 108       | 24.17                 | 24.25                    | 24.19                  |                     |
| 40              | QPSK       | 1       | 214       | 24.09                 | 24.20                    | 24.08                  |                     |
| 40              | QPSK       | 108     | 0         | 23.21                 | 23.36                    | 23.29                  | 24.6                |
| 40              | QPSK       | 108     | 54        | 24.04                 | 24.18                    | 24.06                  | 25.6                |
| 40              | QPSK       | 108     | 108       | 23.13                 | 23.25                    | 23.10                  | 24.6                |
| 40              | QPSK       | 216     | 0         | 23.07                 | 23.15                    | 23.08                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.04                 | 23.18                    | 23.03                  | 24.6                |
| 40              | 64QAM      | 1       | 1         | 21.54                 | 21.68                    | 21.53                  | 23.1                |
| 40              | 256QAM     | 1       | 1         | 19.58                 | 19.68                    | 19.62                  | 21.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.11                 | 24.09                    | 24.11                  | 25.6                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.05                 | 24.18                    | 24.14                  | 25.6                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.21                    | 24.08                  | 25.6                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.07                 | 24.23                    | 24.10                  | 25.6                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.12                    | 24.14                  | 25.6                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.23                    | 24.12                  | 25.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.31                    | 24.35                  | 25.6                |
| 40              | PI/2 BPSK  | 1       | 108       | 24.27                 | 24.26                    | 24.24                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 24.08                 | 24.09                    | 24.11                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 23.69                 | 23.72                    | 23.76                  | 25.1                |
| 40              | PI/2 BPSK  | 108     | 54        | 24.12                 | 24.16                    | 24.14                  | 25.6                |
| 40              | PI/2 BPSK  | 108     | 108       | 23.67                 | 23.70                    | 23.67                  | 25.1                |
| 40              | PI/2 BPSK  | 216     | 0         | 23.56                 | 23.65                    | 23.64                  |                     |
| 40              | QPSK       | 1       | 1         | 24.23                 | 24.23                    | 24.27                  | 25.6                |
| 40              | QPSK       | 1       | 108       | 24.13                 | 24.16                    | 24.14                  |                     |
| 40              | QPSK       | 1       | 214       | 24.06                 | 24.13                    | 24.16                  |                     |
| 40              | QPSK       | 108     | 0         | 23.21                 | 23.23                    | 23.23                  | 24.6                |
| 40              | QPSK       | 108     | 54        | 24.07                 | 24.16                    | 24.14                  | 25.6                |
| 40              | QPSK       | 108     | 108       | 23.18                 | 23.19                    | 23.21                  | 24.6                |
| 40              | QPSK       | 216     | 0         | 23.08                 | 23.14                    | 23.17                  |                     |
| 40              | 16QAM      | 1       | 1         | 23.21                 | 23.22                    | 23.22                  | 24.6                |
| 40              | 64QAM      | 1       | 1         | 21.62                 | 21.69                    | 21.68                  | 23.1                |
| 40              | 256QAM     | 1       | 1         | 19.85                 | 19.89                    | 19.91                  | 21.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.17                 | 24.13                    | 24.28                  | 25.6                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.11                    | 24.34                  | 25.6                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.16                    | 24.23                  | 25.6                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.18                    | 24.26                  | 25.6                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.22                    | 24.21                  | 25.6                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.31                    | 24.23                  | 25.6                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.82                  | 19.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 18.71                 | 18.88                    | 18.63                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 18.81                 | 18.79                    | 18.82                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 18.86                 | 18.85                    | 18.81                  | 19.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 18.87                 | 18.88                    | 18.82                  | 19.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 18.67                 | 18.82                    | 18.75                  | 19.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 18.74                 | 18.79                    | 18.78                  |                     |
| 40              | QPSK       | 1       | 1         | 18.80                 | 18.84                    | 18.76                  | 19.5                |
| 40              | QPSK       | 1       | 108       | 18.85                 | 18.72                    | 18.80                  |                     |
| 40              | QPSK       | 1       | 214       | 18.72                 | 18.80                    | 18.78                  |                     |
| 40              | QPSK       | 108     | 0         | 18.73                 | 18.74                    | 18.76                  | 19.5                |
| 40              | QPSK       | 108     | 54        | 18.72                 | 18.73                    | 18.74                  | 19.5                |
| 40              | QPSK       | 108     | 108       | 18.73                 | 18.84                    | 18.70                  | 19.5                |
| 40              | QPSK       | 216     | 0         | 18.69                 | 18.78                    | 18.63                  |                     |
| 40              | 16QAM      | 1       | 1         | 18.69                 | 18.82                    | 18.64                  | 19.5                |
| 40              | 64QAM      | 1       | 1         | 18.85                 | 18.80                    | 18.77                  | 19.5                |
| 40              | 256QAM     | 1       | 1         | 18.79                 | 18.72                    | 18.64                  | 19.5                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.73                    | 18.67                  | 19.5                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.88                    | 18.82                  | 19.5                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.87                    | 18.75                  | 19.5                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.70                 | 18.78                    | 18.80                  | 19.5                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.67                 | 18.76                    | 18.62                  | 19.5                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.73                 | 18.70                    | 18.62                  | 19.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.87                 | 16.89                    | 16.84                  | 17.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 16.82                 | 16.79                    | 16.82                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 16.76                 | 16.74                    | 16.70                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 16.76                 | 16.79                    | 16.76                  | 17.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 16.69                 | 16.78                    | 16.74                  | 17.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 16.68                 | 16.76                    | 16.79                  | 17.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 16.87                 | 16.81                    | 16.66                  |                     |
| 40              | QPSK       | 1       | 1         | 16.78                 | 16.84                    | 16.78                  | 17.5                |
| 40              | QPSK       | 1       | 108       | 16.67                 | 16.87                    | 16.77                  |                     |
| 40              | QPSK       | 1       | 214       | 16.69                 | 16.83                    | 16.70                  |                     |
| 40              | QPSK       | 108     | 0         | 16.76                 | 16.69                    | 16.64                  | 17.5                |
| 40              | QPSK       | 108     | 54        | 16.79                 | 16.82                    | 16.73                  | 17.5                |
| 40              | QPSK       | 108     | 108       | 16.73                 | 16.87                    | 16.78                  | 17.5                |
| 40              | QPSK       | 216     | 0         | 16.71                 | 16.72                    | 16.74                  |                     |
| 40              | 16QAM      | 1       | 1         | 16.83                 | 16.83                    | 16.73                  | 17.5                |
| 40              | 64QAM      | 1       | 1         | 16.78                 | 16.71                    | 16.70                  | 17.5                |
| 40              | 256QAM     | 1       | 1         | 16.68                 | 16.84                    | 16.78                  | 17.5                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.72                 | 16.85                    | 16.68                  | 17.5                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.74                 | 16.82                    | 16.73                  | 17.5                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.71                 | 16.78                    | 16.77                  | 17.5                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.69                 | 16.72                    | 16.66                  | 17.5                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.73                 | 16.80                    | 16.79                  | 17.5                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 16.74                 | 16.69                    | 16.84                  | 17.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.66                    | 19.64                  | 20.0                |
| 40              | PI/2 BPSK  | 1       | 108       | 19.57                 | 19.65                    | 19.59                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 19.56                 | 19.57                    | 19.46                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.52                 | 19.51                    | 19.53                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 54        | 19.54                 | 19.56                    | 19.55                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.50                 | 19.51                    | 19.54                  | 20.0                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.43                 | 19.56                    | 19.51                  |                     |
| 40              | QPSK       | 1       | 1         | 19.58                 | 19.65                    | 19.46                  | 20.0                |
| 40              | QPSK       | 1       | 108       | 19.52                 | 19.50                    | 19.62                  |                     |
| 40              | QPSK       | 1       | 214       | 19.61                 | 19.51                    | 19.62                  |                     |
| 40              | QPSK       | 108     | 0         | 19.52                 | 19.60                    | 19.63                  | 20.0                |
| 40              | QPSK       | 108     | 54        | 19.54                 | 19.51                    | 19.53                  | 20.0                |
| 40              | QPSK       | 108     | 108       | 19.49                 | 19.63                    | 19.53                  | 20.0                |
| 40              | QPSK       | 216     | 0         | 19.55                 | 19.53                    | 19.54                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.57                 | 19.56                    | 19.62                  | 20.0                |
| 40              | 64QAM      | 1       | 1         | 19.47                 | 19.52                    | 19.59                  | 20.0                |
| 40              | 256QAM     | 1       | 1         | 19.41                 | 19.38                    | 19.42                  | 20.0                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.58                    | 19.50                  | 20.0                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.58                    | 19.46                  | 20.0                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.52                    | 19.54                  | 20.0                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.44                 | 19.54                    | 19.58                  | 20.0                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.44                 | 19.49                    | 19.48                  | 20.0                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.48                 | 19.61                    | 19.44                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.20                    | 22.18                  | 22.7                |
| 40              | PI/2 BPSK  | 1       | 108       | 22.17                 | 22.16                    | 22.14                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 21.90                 | 21.97                    | 21.92                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.04                 | 22.07                    | 22.11                  | 22.7                |
| 40              | PI/2 BPSK  | 108     | 54        | 22.09                 | 22.10                    | 22.15                  | 22.7                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.99                 | 22.09                    | 22.03                  | 22.7                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.86                 | 22.01                    | 22.00                  |                     |
| 40              | QPSK       | 1       | 1         | 22.12                 | 22.08                    | 22.12                  | 22.7                |
| 40              | QPSK       | 1       | 108       | 21.98                 | 22.00                    | 22.02                  |                     |
| 40              | QPSK       | 1       | 214       | 21.87                 | 21.95                    | 21.96                  |                     |
| 40              | QPSK       | 108     | 0         | 22.06                 | 22.06                    | 22.11                  | 22.7                |
| 40              | QPSK       | 108     | 54        | 21.89                 | 22.03                    | 22.04                  | 22.7                |
| 40              | QPSK       | 108     | 108       | 22.08                 | 22.04                    | 22.04                  | 22.7                |
| 40              | QPSK       | 216     | 0         | 21.91                 | 22.00                    | 21.98                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.08                 | 22.04                    | 22.10                  | 22.7                |
| 40              | 64QAM      | 1       | 1         | 21.52                 | 21.77                    | 21.60                  | 22.7                |
| 40              | 256QAM     | 1       | 1         | 19.75                 | 19.87                    | 19.94                  | 21.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                 | 21.93                    | 22.09                  | 22.7                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.96                 | 21.97                    | 22.14                  | 22.7                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                 | 21.98                    | 22.06                  | 22.7                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.13                 | 21.99                    | 22.11                  | 22.7                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.02                 | 22.05                    | 22.02                  | 22.7                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.99                 | 22.20                    | 22.08                  | 22.7                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.82                  | 20.3                |
| 40              | PI/2 BPSK  | 1       | 108       | 18.71                 | 18.88                    | 18.63                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 18.81                 | 18.79                    | 18.82                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 18.86                 | 18.85                    | 18.81                  | 20.3                |
| 40              | PI/2 BPSK  | 108     | 54        | 18.87                 | 18.88                    | 18.82                  | 20.3                |
| 40              | PI/2 BPSK  | 108     | 108       | 18.67                 | 18.82                    | 18.75                  | 20.3                |
| 40              | PI/2 BPSK  | 216     | 0         | 18.74                 | 18.79                    | 18.78                  |                     |
| 40              | QPSK       | 1       | 1         | 18.80                 | 18.84                    | 18.76                  | 20.3                |
| 40              | QPSK       | 1       | 108       | 18.85                 | 18.72                    | 18.80                  |                     |
| 40              | QPSK       | 1       | 214       | 18.72                 | 18.80                    | 18.78                  |                     |
| 40              | QPSK       | 108     | 0         | 18.73                 | 18.74                    | 18.76                  | 20.3                |
| 40              | QPSK       | 108     | 54        | 18.72                 | 18.73                    | 18.74                  | 20.3                |
| 40              | QPSK       | 108     | 108       | 18.73                 | 18.84                    | 18.70                  | 20.3                |
| 40              | QPSK       | 216     | 0         | 18.69                 | 18.78                    | 18.63                  |                     |
| 40              | 16QAM      | 1       | 1         | 18.69                 | 18.82                    | 18.64                  | 20.3                |
| 40              | 64QAM      | 1       | 1         | 18.85                 | 18.80                    | 18.77                  | 20.3                |
| 40              | 256QAM     | 1       | 1         | 18.79                 | 18.72                    | 18.64                  | 20.3                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.73                    | 18.67                  | 20.3                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.88                    | 18.82                  | 20.3                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.87                    | 18.75                  | 20.3                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.70                 | 18.78                    | 18.80                  | 20.3                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.67                 | 18.76                    | 18.62                  | 20.3                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.73                 | 18.70                    | 18.62                  | 20.3                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 346000                | 349000                   | 352000                 |                     |       |       |      |
| Frequency (MHz) | 1730                  | 1745                     | 1760                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 18.85               | 18.91 | 18.83 | 20.2 |
| 40              | PI/2 BPSK             | 1                        | 108                    | 18.69               | 18.72 | 18.66 |      |
| 40              | PI/2 BPSK             | 1                        | 214                    | 18.66               | 18.71 | 18.74 |      |
| 40              | PI/2 BPSK             | 108                      | 0                      | 18.72               | 18.84 | 18.64 | 20.2 |
| 40              | PI/2 BPSK             | 108                      | 54                     | 18.67               | 18.88 | 18.80 | 20.2 |
| 40              | PI/2 BPSK             | 108                      | 108                    | 18.77               | 18.87 | 18.67 | 20.2 |
| 40              | PI/2 BPSK             | 216                      | 0                      | 18.80               | 18.79 | 18.71 |      |
| 40              | QPSK                  | 1                        | 1                      | 18.65               | 18.72 | 18.71 | 20.2 |
| 40              | QPSK                  | 1                        | 108                    | 18.78               | 18.86 | 18.75 |      |
| 40              | QPSK                  | 1                        | 214                    | 18.76               | 18.88 | 18.63 |      |
| 40              | QPSK                  | 108                      | 0                      | 18.74               | 18.77 | 18.70 | 20.2 |
| 40              | QPSK                  | 108                      | 54                     | 18.83               | 18.88 | 18.76 | 20.2 |
| 40              | QPSK                  | 108                      | 108                    | 18.72               | 18.88 | 18.63 | 20.2 |
| 40              | QPSK                  | 216                      | 0                      | 18.78               | 18.69 | 18.81 |      |
| 40              | 16QAM                 | 1                        | 1                      | 18.85               | 18.77 | 18.71 | 20.2 |
| 40              | 64QAM                 | 1                        | 1                      | 18.77               | 18.67 | 18.75 | 20.2 |
| 40              | 256QAM                | 1                        | 1                      | 18.46               | 18.50 | 18.49 | 20.2 |
| Channel         | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1725                  | 1745                     | 1765                   |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 18.71               | 18.88 | 18.74 | 20.2 |
| Channel         | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1722.5                | 1745                     | 1767.5                 |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 18.75               | 18.76 | 18.74 | 20.2 |
| Channel         | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1720                  | 1745                     | 1770                   |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 18.83               | 18.73 | 18.66 | 20.2 |
| Channel         | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1717.5                | 1745                     | 1772.5                 |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 18.69               | 18.75 | 18.79 | 20.2 |
| Channel         | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1715                  | 1745                     | 1775                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 18.72               | 18.76 | 18.79 | 20.2 |
| Channel         | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 1712.5                | 1745                     | 1777.5                 |                     |       |       |      |
| 5               | PI/2 BPSK             | 1                        | 1                      | 18.65               | 18.82 | 18.73 | 20.2 |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|------|
| Channel         | 346000                | 349000                   | 352000                 |                     |      |
| Frequency (MHz) | 1730                  | 1745                     | 1760                   |                     |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 19.62               | 20.8 |
| 40              | PI/2 BPSK             | 1                        | 108                    | 19.57               |      |
| 40              | PI/2 BPSK             | 1                        | 214                    | 19.56               |      |
| 40              | PI/2 BPSK             | 108                      | 0                      | 19.52               | 20.8 |
| 40              | PI/2 BPSK             | 108                      | 54                     | 19.54               | 20.8 |
| 40              | PI/2 BPSK             | 108                      | 108                    | 19.50               | 20.8 |
| 40              | PI/2 BPSK             | 216                      | 0                      | 19.43               |      |
| 40              | QPSK                  | 1                        | 1                      | 19.58               | 20.8 |
| 40              | QPSK                  | 1                        | 108                    | 19.52               |      |
| 40              | QPSK                  | 1                        | 214                    | 19.61               |      |
| 40              | QPSK                  | 108                      | 0                      | 19.52               | 20.8 |
| 40              | QPSK                  | 108                      | 54                     | 19.54               | 20.8 |
| 40              | QPSK                  | 108                      | 108                    | 19.49               | 20.8 |
| 40              | QPSK                  | 216                      | 0                      | 19.55               |      |
| 40              | 16QAM                 | 1                        | 1                      | 19.57               | 20.8 |
| 40              | 64QAM                 | 1                        | 1                      | 19.47               | 20.8 |
| 40              | 256QAM                | 1                        | 1                      | 19.41               | 20.8 |
| Channel         | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1725                  | 1745                     | 1765                   |                     |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 19.58               | 20.8 |
| Channel         | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1722.5                | 1745                     | 1767.5                 |                     |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 19.50               | 20.8 |
| Channel         | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1720                  | 1745                     | 1770                   |                     |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 19.60               | 20.8 |
| Channel         | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1717.5                | 1745                     | 1772.5                 |                     |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 19.44               | 20.8 |
| Channel         | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1715                  | 1745                     | 1775                   |                     |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 19.44               | 20.8 |
| Channel         | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |      |
| Frequency (MHz) | 1712.5                | 1745                     | 1777.5                 |                     |      |
| 5               | PI/2 BPSK             | 1                        | 1                      | 19.48               | 20.8 |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.18                 | 22.20                    | 22.18                  | 23.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 22.17                 | 22.16                    | 22.14                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 21.90                 | 21.97                    | 21.92                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 22.04                 | 22.07                    | 22.11                  | 23.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 22.09                 | 22.10                    | 22.15                  | 23.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 21.99                 | 22.09                    | 22.03                  | 23.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 21.86                 | 22.01                    | 22.00                  |                     |
| 40              | QPSK       | 1       | 1         | 22.12                 | 22.08                    | 22.12                  | 23.5                |
| 40              | QPSK       | 1       | 108       | 21.98                 | 22.00                    | 22.02                  |                     |
| 40              | QPSK       | 1       | 214       | 21.87                 | 21.95                    | 21.96                  |                     |
| 40              | QPSK       | 108     | 0         | 22.06                 | 22.06                    | 22.11                  | 23.5                |
| 40              | QPSK       | 108     | 54        | 21.89                 | 22.03                    | 22.04                  | 23.5                |
| 40              | QPSK       | 108     | 108       | 22.08                 | 22.04                    | 22.04                  | 23.5                |
| 40              | QPSK       | 216     | 0         | 21.91                 | 22.00                    | 21.98                  |                     |
| 40              | 16QAM      | 1       | 1         | 22.08                 | 22.04                    | 22.10                  | 23.5                |
| 40              | 64QAM      | 1       | 1         | 21.52                 | 21.77                    | 21.60                  | 23.1                |
| 40              | 256QAM     | 1       | 1         | 19.75                 | 19.87                    | 19.94                  | 21.1                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.07                 | 21.93                    | 22.09                  | 23.5                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.96                 | 21.97                    | 22.14                  | 23.5                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.03                 | 21.98                    | 22.06                  | 23.5                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.13                 | 21.99                    | 22.11                  | 23.5                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.02                 | 22.05                    | 22.02                  | 23.5                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 21.99                 | 22.20                    | 22.08                  | 23.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.87                 | 18.90                    | 18.82                  | 19.5                |
| 40              | PI/2 BPSK  | 1       | 108       | 18.71                 | 18.88                    | 18.63                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 18.81                 | 18.79                    | 18.82                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 18.86                 | 18.85                    | 18.81                  | 19.5                |
| 40              | PI/2 BPSK  | 108     | 54        | 18.87                 | 18.88                    | 18.82                  | 19.5                |
| 40              | PI/2 BPSK  | 108     | 108       | 18.67                 | 18.82                    | 18.75                  | 19.5                |
| 40              | PI/2 BPSK  | 216     | 0         | 18.74                 | 18.79                    | 18.78                  |                     |
| 40              | QPSK       | 1       | 1         | 18.80                 | 18.84                    | 18.76                  | 19.5                |
| 40              | QPSK       | 1       | 108       | 18.85                 | 18.72                    | 18.80                  |                     |
| 40              | QPSK       | 1       | 214       | 18.72                 | 18.80                    | 18.78                  |                     |
| 40              | QPSK       | 108     | 0         | 18.73                 | 18.74                    | 18.76                  | 19.5                |
| 40              | QPSK       | 108     | 54        | 18.72                 | 18.73                    | 18.74                  | 19.5                |
| 40              | QPSK       | 108     | 108       | 18.73                 | 18.84                    | 18.70                  | 19.5                |
| 40              | QPSK       | 216     | 0         | 18.69                 | 18.78                    | 18.63                  |                     |
| 40              | 16QAM      | 1       | 1         | 18.69                 | 18.82                    | 18.64                  | 19.5                |
| 40              | 64QAM      | 1       | 1         | 18.85                 | 18.80                    | 18.77                  | 19.5                |
| 40              | 256QAM     | 1       | 1         | 18.79                 | 18.72                    | 18.64                  | 19.5                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.77                 | 18.73                    | 18.67                  | 19.5                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.88                    | 18.82                  | 19.5                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.84                 | 18.87                    | 18.75                  | 19.5                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.70                 | 18.78                    | 18.80                  | 19.5                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.67                 | 18.76                    | 18.62                  | 19.5                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.73                 | 18.70                    | 18.62                  | 19.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.85                 | 18.91                    | 18.83                  | 19.4                |
| 40              | PI/2 BPSK  | 1       | 108       | 18.69                 | 18.72                    | 18.66                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 18.66                 | 18.71                    | 18.74                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 18.72                 | 18.84                    | 18.64                  | 19.4                |
| 40              | PI/2 BPSK  | 108     | 54        | 18.67                 | 18.88                    | 18.80                  | 19.4                |
| 40              | PI/2 BPSK  | 108     | 108       | 18.77                 | 18.87                    | 18.67                  | 19.4                |
| 40              | PI/2 BPSK  | 216     | 0         | 18.80                 | 18.79                    | 18.71                  |                     |
| 40              | QPSK       | 1       | 1         | 18.65                 | 18.72                    | 18.71                  | 19.4                |
| 40              | QPSK       | 1       | 108       | 18.78                 | 18.86                    | 18.75                  |                     |
| 40              | QPSK       | 1       | 214       | 18.76                 | 18.88                    | 18.63                  |                     |
| 40              | QPSK       | 108     | 0         | 18.74                 | 18.77                    | 18.70                  | 19.4                |
| 40              | QPSK       | 108     | 54        | 18.83                 | 18.88                    | 18.76                  | 19.4                |
| 40              | QPSK       | 108     | 108       | 18.72                 | 18.88                    | 18.63                  | 19.4                |
| 40              | QPSK       | 216     | 0         | 18.78                 | 18.69                    | 18.81                  |                     |
| 40              | 16QAM      | 1       | 1         | 18.85                 | 18.77                    | 18.71                  | 19.4                |
| 40              | 64QAM      | 1       | 1         | 18.77                 | 18.67                    | 18.75                  | 19.4                |
| 40              | 256QAM     | 1       | 1         | 18.46                 | 18.50                    | 18.49                  | 19.4                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.71                 | 18.88                    | 18.74                  | 19.4                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.75                 | 18.76                    | 18.74                  | 19.4                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.73                    | 18.66                  | 19.4                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.69                 | 18.75                    | 18.79                  | 19.4                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.72                 | 18.76                    | 18.79                  | 19.4                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.65                 | 18.82                    | 18.73                  | 19.4                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 346000                | 349000                   | 352000                 |                     |
| Frequency (MHz) |            |         |           | 1730                  | 1745                     | 1760                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.66                    | 19.64                  | 20.0                |
| 40              | PI/2 BPSK  | 1       | 108       | 19.57                 | 19.65                    | 19.59                  |                     |
| 40              | PI/2 BPSK  | 1       | 214       | 19.56                 | 19.57                    | 19.46                  |                     |
| 40              | PI/2 BPSK  | 108     | 0         | 19.52                 | 19.51                    | 19.53                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 54        | 19.54                 | 19.56                    | 19.55                  | 20.0                |
| 40              | PI/2 BPSK  | 108     | 108       | 19.50                 | 19.51                    | 19.54                  | 20.0                |
| 40              | PI/2 BPSK  | 216     | 0         | 19.43                 | 19.56                    | 19.51                  |                     |
| 40              | QPSK       | 1       | 1         | 19.58                 | 19.65                    | 19.46                  | 20.0                |
| 40              | QPSK       | 1       | 108       | 19.52                 | 19.50                    | 19.62                  |                     |
| 40              | QPSK       | 1       | 214       | 19.61                 | 19.51                    | 19.62                  |                     |
| 40              | QPSK       | 108     | 0         | 19.52                 | 19.60                    | 19.63                  | 20.0                |
| 40              | QPSK       | 108     | 54        | 19.54                 | 19.51                    | 19.53                  | 20.0                |
| 40              | QPSK       | 108     | 108       | 19.49                 | 19.63                    | 19.53                  | 20.0                |
| 40              | QPSK       | 216     | 0         | 19.55                 | 19.53                    | 19.54                  |                     |
| 40              | 16QAM      | 1       | 1         | 19.57                 | 19.56                    | 19.62                  | 20.0                |
| 40              | 64QAM      | 1       | 1         | 19.47                 | 19.52                    | 19.59                  | 20.0                |
| 40              | 256QAM     | 1       | 1         | 19.41                 | 19.38                    | 19.42                  | 20.0                |
| Channel         |            |         |           | 345000                | 349000                   | 353000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1725                  | 1745                     | 1765                   |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.58                 | 19.58                    | 19.50                  | 20.0                |
| Channel         |            |         |           | 344500                | 349000                   | 353500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1722.5                | 1745                     | 1767.5                 |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.50                 | 19.58                    | 19.46                  | 20.0                |
| Channel         |            |         |           | 344000                | 349000                   | 354000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1720                  | 1745                     | 1770                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.52                    | 19.54                  | 20.0                |
| Channel         |            |         |           | 343500                | 349000                   | 354500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1717.5                | 1745                     | 1772.5                 |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.44                 | 19.54                    | 19.58                  | 20.0                |
| Channel         |            |         |           | 343000                | 349000                   | 355000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1715                  | 1745                     | 1775                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.44                 | 19.49                    | 19.48                  | 20.0                |
| Channel         |            |         |           | 342500                | 349000                   | 355500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1712.5                | 1745                     | 1777.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 19.48                 | 19.61                    | 19.44                  | 20.0                |







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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 24.45                    |                        | 25.6                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 24.31                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 24.35                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 23.86                    |                        | 25.1                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 24.39                    |                        | 25.6                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 23.89                    |                        | 25.1                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 23.92                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 24.43                    |                        | 25.6                |
| 15              | QPSK       | 1       | 40        |                       | 24.33                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 24.36                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 23.39                    |                        | 24.6                |
| 15              | QPSK       | 36      | 22        |                       | 24.42                    |                        | 25.6                |
| 15              | QPSK       | 36      | 43        |                       | 23.38                    |                        | 24.6                |
| 15              | QPSK       | 75      | 0         |                       | 23.40                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 23.51                    |                        | 24.6                |
| 15              | 64QAM      | 1       | 1         |                       | 21.96                    |                        | 23.1                |
| 15              | 256QAM     | 1       | 1         |                       | 20.03                    |                        | 21.1                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.42                 | 24.35                    | 24.27                  | 25.6                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.29                    | 24.26                  | 25.6                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 17.53                    |                        | 17.8                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 17.46                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 17.37                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 17.44                    |                        | 17.8                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 17.38                    |                        | 17.8                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 17.33                    |                        | 17.8                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 17.40                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 17.51                    |                        | 17.8                |
| 15              | QPSK       | 1       | 40        |                       | 17.35                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 17.41                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 17.39                    |                        | 17.8                |
| 15              | QPSK       | 36      | 22        |                       | 17.41                    |                        | 17.8                |
| 15              | QPSK       | 36      | 43        |                       | 17.37                    |                        | 17.8                |
| 15              | QPSK       | 75      | 0         |                       | 17.42                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 17.43                    |                        | 17.8                |
| 15              | 64QAM      | 1       | 1         |                       | 17.40                    |                        | 17.8                |
| 15              | 256QAM     | 1       | 1         |                       | 17.42                    |                        | 17.8                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 17.40                 | 17.46                    | 17.37                  | 17.8                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 17.46                 | 17.50                    | 17.43                  | 17.8                |



**<FR1 n70\_Ant 2\_Index 9>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 18.94                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 18.87                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 18.72                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 18.75                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 18.84                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 18.72                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 18.76                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 18.86                    |                        | 19.2                |
| 15              | QPSK       | 1       | 40        |                       | 18.78                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 18.75                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 18.89                    |                        | 19.2                |
| 15              | QPSK       | 36      | 22        |                       | 18.77                    |                        | 19.2                |
| 15              | QPSK       | 36      | 43        |                       | 18.88                    |                        | 19.2                |
| 15              | QPSK       | 75      | 0         |                       | 18.82                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 18.83                    |                        | 19.2                |
| 15              | 64QAM      | 1       | 1         |                       | 18.79                    |                        | 19.2                |
| 15              | 256QAM     | 1       | 1         |                       | 18.88                    |                        | 19.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.72                    | 18.89                  | 19.2                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.85                    | 18.77                  | 19.2                |

**<FR1 n70\_Ant 1\_Index 9>**

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 18.89                    |                        | 19.7                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 18.77                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 18.75                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 18.80                    |                        | 19.7                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 18.81                    |                        | 19.7                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 18.75                    |                        | 19.7                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 18.76                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 18.79                    |                        | 19.7                |
| 15              | QPSK       | 1       | 40        |                       | 18.68                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 18.63                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 18.79                    |                        | 19.7                |
| 15              | QPSK       | 36      | 22        |                       | 18.67                    |                        | 19.7                |
| 15              | QPSK       | 36      | 43        |                       | 18.69                    |                        | 19.7                |
| 15              | QPSK       | 75      | 0         |                       | 18.82                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 18.72                    |                        | 19.7                |
| 15              | 64QAM      | 1       | 1         |                       | 18.63                    |                        | 19.7                |
| 15              | 256QAM     | 1       | 1         |                       | 18.57                    |                        | 19.7                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.71                 | 18.65                    | 18.77                  | 19.7                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.73                 | 18.72                    | 18.80                  | 19.7                |



<FR1 n70\_Ant 2\_Index 10>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 18.94                    |                        | 20.0                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 18.87                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 18.72                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 18.75                    |                        | 20.0                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 18.84                    |                        | 20.0                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 18.72                    |                        | 20.0                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 18.76                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 18.86                    |                        | 20.0                |
| 15              | QPSK       | 1       | 40        |                       | 18.78                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 18.75                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 18.89                    |                        | 20.0                |
| 15              | QPSK       | 36      | 22        |                       | 18.77                    |                        | 20.0                |
| 15              | QPSK       | 36      | 43        |                       | 18.88                    |                        | 20.0                |
| 15              | QPSK       | 75      | 0         |                       | 18.82                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 18.83                    |                        | 20.0                |
| 15              | 64QAM      | 1       | 1         |                       | 18.79                    |                        | 20.0                |
| 15              | 256QAM     | 1       | 1         |                       | 18.88                    |                        | 20.0                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.72                    | 18.89                  | 20.0                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.85                    | 18.77                  | 20.0                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 20.42                    |                        | 21.8                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 20.32                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 20.26                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 20.36                    |                        | 21.8                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 20.37                    |                        | 21.8                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 20.30                    |                        | 21.8                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 20.22                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 20.37                    |                        | 21.8                |
| 15              | QPSK       | 1       | 40        |                       | 20.25                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 20.23                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 20.41                    |                        | 21.8                |
| 15              | QPSK       | 36      | 22        |                       | 20.23                    |                        | 21.8                |
| 15              | QPSK       | 36      | 43        |                       | 20.23                    |                        | 21.8                |
| 15              | QPSK       | 75      | 0         |                       | 20.35                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 20.30                    |                        | 21.8                |
| 15              | 64QAM      | 1       | 1         |                       | 20.21                    |                        | 21.8                |
| 15              | 256QAM     | 1       | 1         |                       | 20.13                    |                        | 21.1                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.30                 | 20.24                    | 20.32                  | 21.8                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.22                    | 20.33                  | 21.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 18.94                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 18.87                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 18.72                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 18.75                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 18.84                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 18.72                    |                        | 19.2                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 18.76                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 18.86                    |                        | 19.2                |
| 15              | QPSK       | 1       | 40        |                       | 18.78                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 18.75                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 18.89                    |                        | 19.2                |
| 15              | QPSK       | 36      | 22        |                       | 18.77                    |                        | 19.2                |
| 15              | QPSK       | 36      | 43        |                       | 18.88                    |                        | 19.2                |
| 15              | QPSK       | 75      | 0         |                       | 18.82                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 18.83                    |                        | 19.2                |
| 15              | 64QAM      | 1       | 1         |                       | 18.79                    |                        | 19.2                |
| 15              | 256QAM     | 1       | 1         |                       | 18.88                    |                        | 19.2                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.78                 | 18.72                    | 18.89                  | 19.2                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 18.83                 | 18.85                    | 18.77                  | 19.2                |

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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 340500                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 1702.5                   |                        |                     |
| 15              | PI/2 BPSK  | 1       | 1         |                       | 20.42                    |                        | 21.0                |
| 15              | PI/2 BPSK  | 1       | 40        |                       | 20.32                    |                        |                     |
| 15              | PI/2 BPSK  | 1       | 77        |                       | 20.26                    |                        |                     |
| 15              | PI/2 BPSK  | 36      | 0         |                       | 20.36                    |                        | 21.0                |
| 15              | PI/2 BPSK  | 36      | 22        |                       | 20.37                    |                        | 21.0                |
| 15              | PI/2 BPSK  | 36      | 43        |                       | 20.30                    |                        | 21.0                |
| 15              | PI/2 BPSK  | 75      | 0         |                       | 20.22                    |                        |                     |
| 15              | QPSK       | 1       | 1         |                       | 20.37                    |                        | 21.0                |
| 15              | QPSK       | 1       | 40        |                       | 20.25                    |                        |                     |
| 15              | QPSK       | 1       | 77        |                       | 20.23                    |                        |                     |
| 15              | QPSK       | 36      | 0         |                       | 20.41                    |                        | 21.0                |
| 15              | QPSK       | 36      | 22        |                       | 20.23                    |                        | 21.0                |
| 15              | QPSK       | 36      | 43        |                       | 20.23                    |                        | 21.0                |
| 15              | QPSK       | 75      | 0         |                       | 20.35                    |                        |                     |
| 15              | 16QAM      | 1       | 1         |                       | 20.30                    |                        | 21.0                |
| 15              | 64QAM      | 1       | 1         |                       | 20.21                    |                        | 21.0                |
| 15              | 256QAM     | 1       | 1         |                       | 20.13                    |                        | 21.0                |
| Channel         |            |         |           | 340000                | 340500                   | 341000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1700                  | 1702.5                   | 1705                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.30                 | 20.24                    | 20.32                  | 21.0                |
| Channel         |            |         |           | 339500                | 340500                   | 341500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 1697.5                | 1702.5                   | 1707.5                 |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.22                    | 20.33                  | 21.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.12                    | 24.10                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.03                 | 24.10                    | 24.05                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.96                 | 23.93                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.36                 | 23.41                    | 23.32                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.90                 | 23.95                    | 23.92                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.38                 | 23.41                    | 23.35                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.48                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 23.95                 | 23.95                    | 23.91                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.85                 | 23.91                    | 23.79                  |                     |
| 20              | QPSK       | 1       | 104       | 23.88                 | 23.87                    | 23.85                  |                     |
| 20              | QPSK       | 50      | 0         | 23.38                 | 23.41                    | 23.39                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.84                 | 23.89                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.35                 | 23.37                    | 23.27                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.08                 | 23.06                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.91                 | 22.95                    | 22.85                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.26                 | 21.27                    | 21.37                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.38                 | 19.41                    | 19.29                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.01                    | 23.92                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.05                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.35                 | 22.33                    | 22.26                  | 23.0                |
| 20              | PI/2 BPSK  | 1       | 53        | 22.25                 | 22.16                    | 22.17                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 22.28                 | 22.33                    | 22.15                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 22.34                 | 22.27                    | 22.15                  | 23.0                |
| 20              | PI/2 BPSK  | 50      | 28        | 22.25                 | 22.26                    | 22.08                  | 23.0                |
| 20              | PI/2 BPSK  | 50      | 56        | 22.33                 | 22.23                    | 22.12                  | 23.0                |
| 20              | PI/2 BPSK  | 100     | 0         | 22.31                 | 22.19                    | 22.23                  |                     |
| 20              | QPSK       | 1       | 1         | 22.24                 | 22.19                    | 22.16                  | 23.0                |
| 20              | QPSK       | 1       | 53        | 22.17                 | 22.25                    | 22.06                  |                     |
| 20              | QPSK       | 1       | 104       | 22.30                 | 22.25                    | 22.10                  |                     |
| 20              | QPSK       | 50      | 0         | 22.27                 | 22.29                    | 22.14                  | 23.0                |
| 20              | QPSK       | 50      | 28        | 22.23                 | 22.25                    | 22.09                  | 23.0                |
| 20              | QPSK       | 50      | 56        | 22.31                 | 22.20                    | 22.15                  | 23.0                |
| 20              | QPSK       | 100     | 0         | 22.30                 | 22.30                    | 22.12                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.26                 | 22.18                    | 22.13                  | 23.0                |
| 20              | 64QAM      | 1       | 1         | 21.69                 | 21.65                    | 21.62                  | 23.0                |
| 20              | 256QAM     | 1       | 1         | 19.72                 | 19.68                    | 19.64                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.30                 | 22.30                    | 22.22                  | 23.0                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.17                 | 22.14                    | 22.19                  | 23.0                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.32                    | 22.26                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.12                    | 24.10                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.03                 | 24.10                    | 24.05                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.96                 | 23.93                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.36                 | 23.41                    | 23.32                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.90                 | 23.95                    | 23.92                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.38                 | 23.41                    | 23.35                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.48                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 23.95                 | 23.95                    | 23.91                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.85                 | 23.91                    | 23.79                  |                     |
| 20              | QPSK       | 1       | 104       | 23.88                 | 23.87                    | 23.85                  |                     |
| 20              | QPSK       | 50      | 0         | 23.38                 | 23.41                    | 23.39                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.84                 | 23.89                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.35                 | 23.37                    | 23.27                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.08                 | 23.06                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.91                 | 22.95                    | 22.85                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.26                 | 21.27                    | 21.37                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.38                 | 19.41                    | 19.29                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.01                    | 23.92                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.05                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.04                    | 24.07                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 23.98                 | 23.96                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.94                 | 23.92                    | 23.93                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.48                 | 23.46                    | 23.47                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.93                 | 23.93                    | 23.89                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.45                 | 23.45                    | 23.38                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.43                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 24.04                 | 24.03                    | 24.05                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.92                 | 23.98                    | 23.92                  |                     |
| 20              | QPSK       | 1       | 104       | 23.94                 | 23.95                    | 23.90                  |                     |
| 20              | QPSK       | 50      | 0         | 22.91                 | 22.97                    | 22.92                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.95                 | 23.95                    | 23.90                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 22.92                 | 22.94                    | 22.91                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 22.96                 | 22.99                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.45                 | 21.48                    | 21.43                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.58                 | 19.59                    | 19.52                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.04                 | 23.98                    | 23.99                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.00                 | 23.95                    | 23.87                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 23.84                    | 23.87                  | 25.7                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.12                    | 24.10                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.03                 | 24.10                    | 24.05                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.96                 | 23.93                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.36                 | 23.41                    | 23.32                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.90                 | 23.95                    | 23.92                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.38                 | 23.41                    | 23.35                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.48                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 23.95                 | 23.95                    | 23.91                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.85                 | 23.91                    | 23.79                  |                     |
| 20              | QPSK       | 1       | 104       | 23.88                 | 23.87                    | 23.85                  |                     |
| 20              | QPSK       | 50      | 0         | 23.38                 | 23.41                    | 23.39                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.84                 | 23.89                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.35                 | 23.37                    | 23.27                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.08                 | 23.06                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.91                 | 22.95                    | 22.85                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.26                 | 21.27                    | 21.37                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.38                 | 19.41                    | 19.29                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.01                    | 23.92                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.05                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.04                    | 24.07                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 23.98                 | 23.96                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.94                 | 23.92                    | 23.93                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.48                 | 23.46                    | 23.47                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.93                 | 23.93                    | 23.89                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.45                 | 23.45                    | 23.38                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.43                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 24.04                 | 24.03                    | 24.05                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.92                 | 23.98                    | 23.92                  |                     |
| 20              | QPSK       | 1       | 104       | 23.94                 | 23.95                    | 23.90                  |                     |
| 20              | QPSK       | 50      | 0         | 22.91                 | 22.97                    | 22.92                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.95                 | 23.95                    | 23.90                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 22.92                 | 22.94                    | 22.91                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 22.96                 | 22.99                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.45                 | 21.48                    | 21.43                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.58                 | 19.59                    | 19.52                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.04                 | 23.98                    | 23.99                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.00                 | 23.95                    | 23.87                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 23.84                    | 23.87                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.12                    | 24.10                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 24.03                 | 24.10                    | 24.05                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.96                 | 23.93                    | 23.89                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.36                 | 23.41                    | 23.32                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.90                 | 23.95                    | 23.92                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.38                 | 23.41                    | 23.35                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.48                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 23.95                 | 23.95                    | 23.91                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.85                 | 23.91                    | 23.79                  |                     |
| 20              | QPSK       | 1       | 104       | 23.88                 | 23.87                    | 23.85                  |                     |
| 20              | QPSK       | 50      | 0         | 23.38                 | 23.41                    | 23.39                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.84                 | 23.89                    | 23.82                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 23.35                 | 23.37                    | 23.27                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 23.08                 | 23.06                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 22.91                 | 22.95                    | 22.85                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.26                 | 21.27                    | 21.37                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.38                 | 19.41                    | 19.29                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.98                 | 24.11                    | 23.94                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.01                 | 24.01                    | 23.92                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.05                    | 24.06                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 134600                | 136100                   | 137600                 |                     |
| Frequency (MHz) |            |         |           | 673                   | 680.5                    | 688                    |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.04                    | 24.07                  | 25.7                |
| 20              | PI/2 BPSK  | 1       | 53        | 23.98                 | 23.96                    | 23.90                  |                     |
| 20              | PI/2 BPSK  | 1       | 104       | 23.94                 | 23.92                    | 23.93                  |                     |
| 20              | PI/2 BPSK  | 50      | 0         | 23.48                 | 23.46                    | 23.47                  | 25.2                |
| 20              | PI/2 BPSK  | 50      | 28        | 23.93                 | 23.93                    | 23.89                  | 25.7                |
| 20              | PI/2 BPSK  | 50      | 56        | 23.45                 | 23.45                    | 23.38                  | 25.2                |
| 20              | PI/2 BPSK  | 100     | 0         | 23.41                 | 23.43                    | 23.45                  |                     |
| 20              | QPSK       | 1       | 1         | 24.04                 | 24.03                    | 24.05                  | 25.7                |
| 20              | QPSK       | 1       | 53        | 23.92                 | 23.98                    | 23.92                  |                     |
| 20              | QPSK       | 1       | 104       | 23.94                 | 23.95                    | 23.90                  |                     |
| 20              | QPSK       | 50      | 0         | 22.91                 | 22.97                    | 22.92                  | 24.7                |
| 20              | QPSK       | 50      | 28        | 23.95                 | 23.95                    | 23.90                  | 25.7                |
| 20              | QPSK       | 50      | 56        | 22.92                 | 22.94                    | 22.91                  | 24.7                |
| 20              | QPSK       | 100     | 0         | 22.96                 | 22.99                    | 23.02                  |                     |
| 20              | 16QAM      | 1       | 1         | 23.02                 | 23.02                    | 22.96                  | 24.7                |
| 20              | 64QAM      | 1       | 1         | 21.45                 | 21.48                    | 21.43                  | 23.2                |
| 20              | 256QAM     | 1       | 1         | 19.58                 | 19.59                    | 19.52                  | 21.2                |
| Channel         |            |         |           | 134100                | 136100                   | 138100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 670.5                 | 680.5                    | 690.5                  |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.04                 | 23.98                    | 23.99                  | 25.7                |
| Channel         |            |         |           | 133600                | 136100                   | 138600                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 668                   | 680.5                    | 693                    |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.00                 | 23.95                    | 23.87                  | 25.7                |
| Channel         |            |         |           | 133100                | 136100                   | 139100                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 665.5                 | 680.5                    | 695.5                  |                     |
| 5               | PI/2 BPSK  | 1       | 1         | 23.98                 | 23.84                    | 23.87                  | 25.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.01                 | 23.99                    | 24.11                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.78                 | 23.78                    | 23.82                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.87                 | 23.94                    | 24.02                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.21                 | 23.26                    | 23.34                  | 24.6                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.82                 | 23.82                    | 23.84                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.33                 | 23.31                    | 23.36                  | 24.6                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.34                 | 23.32                    | 23.41                  |                     |
| 100             | QPSK       | 1       | 1         | 23.87                 | 23.93                    | 23.98                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 23.71                 | 23.74                    | 23.79                  |                     |
| 100             | QPSK       | 1       | 271       | 23.84                 | 23.92                    | 24.01                  |                     |
| 100             | QPSK       | 135     | 0         | 22.72                 | 22.77                    | 22.83                  | 24.1                |
| 100             | QPSK       | 135     | 69        | 23.70                 | 23.77                    | 23.81                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 22.82                 | 22.83                    | 22.89                  | 24.1                |
| 100             | QPSK       | 270     | 0         | 22.77                 | 22.83                    | 22.87                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.87                 | 22.91                    | 22.94                  | 24.1                |
| 100             | 64QAM      | 1       | 1         | 21.33                 | 21.41                    | 21.44                  | 22.6                |
| 100             | 256QAM     | 1       | 1         | 19.60                 | 19.63                    | 19.66                  | 20.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.83                 | 23.83                    | 23.91                  | 25.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.95                 | 23.99                    | 24.04                  | 25.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.92                 | 23.83                    | 24.04                  | 25.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.91                 | 23.79                    | 23.93                  | 25.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.98                 | 23.83                    | 24.04                  | 25.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.97                 | 23.83                    | 23.98                  | 25.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.99                 | 23.80                    | 24.00                  | 25.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.97                 | 23.95                    | 24.10                  | 25.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.98                 | 23.96                    | 23.96                  | 25.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.88                 | 23.87                    | 24.07                  | 25.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.94                 | 23.98                    | 24.06                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 13.73                 | 13.77                    | 13.94                  | 14.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 13.63                 | 13.68                    | 13.78                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 13.67                 | 13.60                    | 13.86                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 13.67                 | 13.65                    | 13.79                  | 14.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 13.69                 | 13.70                    | 13.93                  | 14.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 13.68                 | 13.65                    | 13.91                  | 14.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 13.66                 | 13.67                    | 13.79                  |                     |
| 100             | QPSK       | 1       | 1         | 13.67                 | 13.59                    | 13.77                  | 14.0                |
| 100             | QPSK       | 1       | 137       | 13.55                 | 13.64                    | 13.75                  |                     |
| 100             | QPSK       | 1       | 271       | 13.59                 | 13.70                    | 13.92                  |                     |
| 100             | QPSK       | 135     | 0         | 13.64                 | 13.66                    | 13.75                  | 14.0                |
| 100             | QPSK       | 135     | 69        | 13.55                 | 13.71                    | 13.93                  | 14.0                |
| 100             | QPSK       | 135     | 138       | 13.69                 | 13.75                    | 13.91                  | 14.0                |
| 100             | QPSK       | 270     | 0         | 13.58                 | 13.63                    | 13.86                  |                     |
| 100             | 16QAM      | 1       | 1         | 13.57                 | 13.70                    | 13.78                  | 14.0                |
| 100             | 64QAM      | 1       | 1         | 13.63                 | 13.58                    | 13.77                  | 14.0                |
| 100             | 256QAM     | 1       | 1         | 13.62                 | 13.76                    | 13.77                  | 14.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.54                 | 13.76                    | 13.88                  | 14.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.72                 | 13.59                    | 13.76                  | 14.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.60                 | 13.70                    | 13.79                  | 14.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.70                 | 13.69                    | 13.85                  | 14.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.66                 | 13.69                    | 13.79                  | 14.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.68                 | 13.59                    | 13.92                  | 14.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.70                 | 13.62                    | 13.79                  | 14.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.59                 | 13.61                    | 13.75                  | 14.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.71                 | 13.65                    | 13.91                  | 14.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.53                 | 13.67                    | 13.84                  | 14.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.54                 | 13.76                    | 13.76                  | 14.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.53                    | 24.41                  | 25.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.10                 | 24.23                    | 24.11                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.27                 | 24.41                    | 24.19                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.63                 | 23.79                    | 23.62                  | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.16                 | 24.27                    | 24.11                  | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.69                 | 23.82                    | 23.64                  | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.58                 | 23.71                    | 23.51                  |                     |
| 100             | QPSK       | 1       | 1         | 24.38                 | 24.48                    | 24.31                  | 25.0                |
| 100             | QPSK       | 1       | 137       | 24.08                 | 24.19                    | 23.99                  |                     |
| 100             | QPSK       | 1       | 271       | 24.30                 | 24.40                    | 24.21                  |                     |
| 100             | QPSK       | 135     | 0         | 23.06                 | 23.22                    | 23.05                  | 24.0                |
| 100             | QPSK       | 135     | 69        | 24.07                 | 24.20                    | 24.04                  | 25.0                |
| 100             | QPSK       | 135     | 138       | 23.20                 | 23.27                    | 23.06                  | 24.0                |
| 100             | QPSK       | 270     | 0         | 23.15                 | 23.29                    | 23.08                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.36                 | 23.47                    | 23.29                  | 24.0                |
| 100             | 64QAM      | 1       | 1         | 21.94                 | 22.01                    | 21.81                  | 22.5                |
| 100             | 256QAM     | 1       | 1         | 20.02                 | 20.16                    | 20.00                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.46                    | 24.29                  | 25.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.50                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.35                    | 24.40                  | 25.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.49                    | 24.27                  | 25.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.31                 | 24.42                    | 24.25                  | 25.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.44                 | 24.35                    | 24.28                  | 25.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.39                    | 24.26                  | 25.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.39                 | 24.49                    | 24.26                  | 25.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.40                 | 24.37                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.40                    | 24.27                  | 25.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.43                 | 24.46                    | 24.21                  | 25.0                |



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| Channel         | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |       |       |      |
|-----------------|-----------------------|--------------------------|------------------------|---------------------|-------|-------|------|
| Channel         | 650000                | 656000                   | 662000                 |                     |       |       |      |
| Frequency (MHz) | 3750                  | 3840                     | 3930                   |                     |       |       |      |
| 100             | PI/2 BPSK             | 1                        | 1                      | 22.61               | 22.71 | 22.73 | 23.6 |
| 100             | PI/2 BPSK             | 1                        | 137                    | 22.23               | 22.41 | 22.39 |      |
| 100             | PI/2 BPSK             | 1                        | 271                    | 22.49               | 22.61 | 22.63 |      |
| 100             | PI/2 BPSK             | 135                      | 0                      | 22.38               | 22.48 | 22.46 | 23.6 |
| 100             | PI/2 BPSK             | 135                      | 69                     | 22.19               | 22.37 | 22.39 | 23.6 |
| 100             | PI/2 BPSK             | 135                      | 138                    | 22.41               | 22.51 | 22.53 | 23.6 |
| 100             | PI/2 BPSK             | 270                      | 0                      | 22.32               | 22.45 | 22.38 |      |
| 100             | QPSK                  | 1                        | 1                      | 22.44               | 22.63 | 22.64 |      |
| 100             | QPSK                  | 1                        | 137                    | 22.17               | 22.35 | 22.31 | 23.6 |
| 100             | QPSK                  | 1                        | 271                    | 22.50               | 22.69 | 22.62 |      |
| 100             | QPSK                  | 135                      | 0                      | 22.28               | 22.42 | 22.43 |      |
| 100             | QPSK                  | 135                      | 69                     | 22.32               | 22.42 | 22.42 | 23.6 |
| 100             | QPSK                  | 135                      | 138                    | 22.30               | 22.49 | 22.43 | 23.6 |
| 100             | QPSK                  | 270                      | 0                      | 22.26               | 22.45 | 22.46 |      |
| 100             | 16QAM                 | 1                        | 1                      | 22.38               | 22.57 | 22.51 |      |
| 100             | 64QAM                 | 1                        | 1                      | 21.35               | 21.54 | 21.54 | 22.5 |
| 100             | 256QAM                | 1                        | 1                      | 19.64               | 19.76 | 19.71 | 20.5 |
| Channel         | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3745.02               | 3840                     | 3934.98                |                     |       |       |      |
| 90              | PI/2 BPSK             | 1                        | 1                      | 22.59               | 22.70 | 22.68 | 23.6 |
| Channel         | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3740.01               | 3840                     | 3939.99                |                     |       |       |      |
| 80              | PI/2 BPSK             | 1                        | 1                      | 22.45               | 22.63 | 22.64 | 23.6 |
| Channel         | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3735                  | 3840                     | 3945                   |                     |       |       |      |
| 70              | PI/2 BPSK             | 1                        | 1                      | 22.47               | 22.58 | 22.64 | 23.6 |
| Channel         | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3730.02               | 3840                     | 3949.98                |                     |       |       |      |
| 60              | PI/2 BPSK             | 1                        | 1                      | 22.46               | 22.71 | 22.69 | 23.6 |
| Channel         | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3725.01               | 3840                     | 3954.99                |                     |       |       |      |
| 50              | PI/2 BPSK             | 1                        | 1                      | 22.47               | 22.64 | 22.60 | 23.6 |
| Channel         | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3720                  | 3840                     | 3960                   |                     |       |       |      |
| 40              | PI/2 BPSK             | 1                        | 1                      | 22.59               | 22.70 | 22.69 | 23.6 |
| Channel         | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3715.02               | 3840.00                  | 3964.98                |                     |       |       |      |
| 30              | PI/2 BPSK             | 1                        | 1                      | 22.42               | 22.62 | 22.62 | 23.6 |
| Channel         | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3712.5                | 3840.00                  | 3967.50                |                     |       |       |      |
| 25              | PI/2 BPSK             | 1                        | 1                      | 22.44               | 22.53 | 22.57 | 23.6 |
| Channel         | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3710.01               | 3840                     | 3969.99                |                     |       |       |      |
| 20              | PI/2 BPSK             | 1                        | 1                      | 22.55               | 22.55 | 22.58 | 23.6 |
| Channel         | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3707.52               | 3840                     | 3972.48                |                     |       |       |      |
| 15              | PI/2 BPSK             | 1                        | 1                      | 22.58               | 22.66 | 22.71 | 23.6 |
| Channel         | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |       |       |      |
| Frequency (MHz) | 3705                  | 3840                     | 3975                   |                     |       |       |      |
| 10              | PI/2 BPSK             | 1                        | 1                      | 22.54               | 22.60 | 22.72 | 23.6 |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.71                    | 19.89                  | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.62                 | 19.70                    | 19.81                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.62                 | 19.66                    | 19.87                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.70                 | 19.59                    | 19.71                  | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.72                 | 19.63                    | 19.84                  | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.64                 | 19.51                    | 19.81                  | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.70                 | 19.66                    | 19.70                  |                     |
| 100             | QPSK       | 1       | 1         | 19.67                 | 19.66                    | 19.87                  | 20.0                |
| 100             | QPSK       | 1       | 137       | 19.60                 | 19.65                    | 19.74                  |                     |
| 100             | QPSK       | 1       | 271       | 19.77                 | 19.59                    | 19.78                  |                     |
| 100             | QPSK       | 135     | 0         | 19.76                 | 19.67                    | 19.82                  | 20.0                |
| 100             | QPSK       | 135     | 69        | 19.75                 | 19.60                    | 19.70                  | 20.0                |
| 100             | QPSK       | 135     | 138       | 19.74                 | 19.66                    | 19.82                  | 20.0                |
| 100             | QPSK       | 270     | 0         | 19.76                 | 19.63                    | 19.81                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.75                 | 19.70                    | 19.84                  | 20.0                |
| 100             | 64QAM      | 1       | 1         | 19.61                 | 19.67                    | 19.72                  | 20.0                |
| 100             | 256QAM     | 1       | 1         | 19.62                 | 19.62                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.57                    | 19.84                  | 20.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.63                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.60                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.51                    | 19.85                  | 20.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.61                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.53                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.57                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.55                    | 19.81                  | 20.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.56                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.66                    | 19.82                  | 20.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.55                    | 19.78                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 18.28                 | 18.42                    | 18.67                  | 19.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 18.14                 | 18.20                    | 18.52                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 18.20                 | 18.26                    | 18.63                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 18.29                 | 18.14                    | 18.44                  | 19.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 18.26                 | 18.27                    | 18.52                  | 19.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 18.30                 | 18.17                    | 18.40                  | 19.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 18.06                 | 18.21                    | 18.48                  |                     |
| 100             | QPSK       | 1       | 1         | 18.07                 | 18.36                    | 18.50                  | 19.3                |
| 100             | QPSK       | 1       | 137       | 18.31                 | 18.34                    | 18.60                  |                     |
| 100             | QPSK       | 1       | 271       | 18.19                 | 18.24                    | 18.39                  |                     |
| 100             | QPSK       | 135     | 0         | 18.27                 | 18.12                    | 18.24                  | 19.3                |
| 100             | QPSK       | 135     | 69        | 18.20                 | 18.28                    | 18.28                  | 19.3                |
| 100             | QPSK       | 135     | 138       | 18.26                 | 18.10                    | 18.21                  | 19.3                |
| 100             | QPSK       | 270     | 0         | 18.31                 | 18.23                    | 18.22                  |                     |
| 100             | 16QAM      | 1       | 1         | 18.22                 | 18.33                    | 18.10                  | 19.3                |
| 100             | 64QAM      | 1       | 1         | 18.26                 | 18.20                    | 18.29                  | 19.3                |
| 100             | 256QAM     | 1       | 1         | 18.20                 | 18.25                    | 17.99                  | 19.3                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.22                 | 18.39                    | 18.44                  | 19.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.14                    | 18.35                  | 19.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.32                    | 18.44                  | 19.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.28                 | 18.25                    | 18.59                  | 19.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.11                 | 18.18                    | 18.43                  | 19.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.22                 | 18.26                    | 18.37                  | 19.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.16                 | 18.26                    | 18.47                  | 19.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.23                 | 18.24                    | 18.53                  | 19.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.20                 | 18.24                    | 18.45                  | 19.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.33                 | 18.14                    | 18.52                  | 19.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.28                 | 18.17                    | 18.49                  | 19.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.22                 | 20.24                    | 20.20                  | 20.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.04                 | 20.08                    | 20.02                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.16                 | 20.14                    | 20.03                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.07                 | 20.08                    | 20.12                  | 20.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.13                 | 20.14                    | 20.13                  | 20.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.09                 | 20.07                    | 20.07                  | 20.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.03                 | 20.14                    | 20.11                  |                     |
| 100             | QPSK       | 1       | 1         | 20.06                 | 20.14                    | 20.16                  | 20.3                |
| 100             | QPSK       | 1       | 137       | 20.21                 | 20.18                    | 20.14                  |                     |
| 100             | QPSK       | 1       | 271       | 20.17                 | 20.09                    | 20.13                  |                     |
| 100             | QPSK       | 135     | 0         | 20.15                 | 20.05                    | 20.05                  | 20.3                |
| 100             | QPSK       | 135     | 69        | 20.02                 | 20.20                    | 20.00                  | 20.3                |
| 100             | QPSK       | 135     | 138       | 20.12                 | 20.12                    | 20.06                  | 20.3                |
| 100             | QPSK       | 270     | 0         | 20.04                 | 20.06                    | 20.14                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.08                 | 20.17                    | 20.11                  | 20.3                |
| 100             | 64QAM      | 1       | 1         | 20.06                 | 20.23                    | 20.11                  | 20.3                |
| 100             | 256QAM     | 1       | 1         | 20.17                 | 20.22                    | 20.16                  | 20.3                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.08                    | 20.19                  | 20.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.16                    | 20.01                  | 20.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.19                    | 20.19                  | 20.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.05                    | 20.11                  | 20.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.11                    | 20.12                  | 20.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.22                    | 20.03                  | 20.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.10                    | 20.10                  | 20.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.13                    | 20.17                  | 20.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.23                    | 20.13                  | 20.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.11                    | 20.17                  | 20.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.04                    | 20.19                  | 20.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.85                    | 21.81                  | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.78                 | 21.82                    | 21.70                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.68                 | 21.70                    | 21.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.68                 | 21.70                    | 21.73                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.69                 | 21.75                    | 21.75                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.64                 | 21.73                    | 21.73                  | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.65                 | 21.68                    | 21.63                  |                     |
| 100             | QPSK       | 1       | 1         | 21.69                 | 21.73                    | 21.72                  | 22.1                |
| 100             | QPSK       | 1       | 137       | 21.75                 | 21.66                    | 21.81                  |                     |
| 100             | QPSK       | 1       | 271       | 21.79                 | 21.74                    | 21.64                  |                     |
| 100             | QPSK       | 135     | 0         | 21.64                 | 21.74                    | 21.76                  | 22.1                |
| 100             | QPSK       | 135     | 69        | 21.59                 | 21.79                    | 21.69                  | 22.1                |
| 100             | QPSK       | 135     | 138       | 21.72                 | 21.76                    | 21.68                  | 22.1                |
| 100             | QPSK       | 270     | 0         | 21.74                 | 21.74                    | 21.77                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.70                 | 21.74                    | 21.80                  | 22.1                |
| 100             | 64QAM      | 1       | 1         | 21.35                 | 21.37                    | 21.30                  | 22.1                |
| 100             | 256QAM     | 1       | 1         | 19.57                 | 19.53                    | 19.54                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.65                  | 22.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.67                    | 21.64                  | 22.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.77                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.75                    | 21.66                  | 22.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.67                    | 21.77                  | 22.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.76                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.80                    | 21.62                  | 22.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.78                    | 21.72                  | 22.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.80                    | 21.81                  | 22.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.72                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.67                    | 21.81                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.71                    | 19.89                  | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.62                 | 19.70                    | 19.81                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.62                 | 19.66                    | 19.87                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.70                 | 19.59                    | 19.71                  | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.72                 | 19.63                    | 19.84                  | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.64                 | 19.51                    | 19.81                  | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.70                 | 19.66                    | 19.70                  |                     |
| 100             | QPSK       | 1       | 1         | 19.67                 | 19.66                    | 19.87                  | 20.8                |
| 100             | QPSK       | 1       | 137       | 19.60                 | 19.65                    | 19.74                  |                     |
| 100             | QPSK       | 1       | 271       | 19.77                 | 19.59                    | 19.78                  |                     |
| 100             | QPSK       | 135     | 0         | 19.76                 | 19.67                    | 19.82                  | 20.8                |
| 100             | QPSK       | 135     | 69        | 19.75                 | 19.60                    | 19.70                  | 20.8                |
| 100             | QPSK       | 135     | 138       | 19.74                 | 19.66                    | 19.82                  | 20.8                |
| 100             | QPSK       | 270     | 0         | 19.76                 | 19.63                    | 19.81                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.75                 | 19.70                    | 19.84                  | 20.8                |
| 100             | 64QAM      | 1       | 1         | 19.61                 | 19.67                    | 19.72                  | 20.8                |
| 100             | 256QAM     | 1       | 1         | 19.62                 | 19.62                    | 19.70                  | 20.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.57                    | 19.84                  | 20.8                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.63                    | 19.83                  | 20.8                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.60                    | 19.74                  | 20.8                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.51                    | 19.85                  | 20.8                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.61                    | 19.86                  | 20.8                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.53                    | 19.70                  | 20.8                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.57                    | 19.87                  | 20.8                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.55                    | 19.81                  | 20.8                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.56                    | 19.78                  | 20.8                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.66                    | 19.82                  | 20.8                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.55                    | 19.78                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.34                 | 20.42                    | 20.67                  | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.20                 | 20.28                    | 20.59                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.21                 | 20.27                    | 20.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.29                 | 20.19                    | 20.52                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.34                 | 20.27                    | 20.61                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.31                 | 20.24                    | 20.42                  | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.15                 | 20.27                    | 20.57                  |                     |
| 100             | QPSK       | 1       | 1         | 20.14                 | 20.37                    | 20.54                  | 22.1                |
| 100             | QPSK       | 1       | 137       | 20.32                 | 20.43                    | 20.60                  |                     |
| 100             | QPSK       | 1       | 271       | 20.29                 | 20.26                    | 20.49                  |                     |
| 100             | QPSK       | 135     | 0         | 20.36                 | 20.22                    | 20.32                  | 22.1                |
| 100             | QPSK       | 135     | 69        | 20.23                 | 20.32                    | 20.34                  | 22.1                |
| 100             | QPSK       | 135     | 138       | 20.36                 | 20.11                    | 20.27                  | 22.1                |
| 100             | QPSK       | 270     | 0         | 20.36                 | 20.30                    | 20.25                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.22                 | 20.34                    | 20.11                  | 22.1                |
| 100             | 64QAM      | 1       | 1         | 20.07                 | 20.08                    | 20.10                  | 21.6                |
| 100             | 256QAM     | 1       | 1         | 18.27                 | 18.32                    | 18.09                  | 19.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.22                 | 20.42                    | 20.49                  | 22.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.36                 | 20.15                    | 20.45                  | 22.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.35                    | 20.53                  | 22.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.36                 | 20.27                    | 20.60                  | 22.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.18                    | 20.44                  | 22.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.35                    | 20.46                  | 22.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.31                    | 20.50                  | 22.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.27                    | 20.56                  | 22.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.30                    | 20.45                  | 22.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.38                 | 20.24                    | 20.61                  | 22.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.30                 | 20.27                    | 20.58                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.22                 | 20.24                    | 20.20                  | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.04                 | 20.08                    | 20.02                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.16                 | 20.14                    | 20.03                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.07                 | 20.08                    | 20.12                  | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.13                 | 20.14                    | 20.13                  | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.09                 | 20.07                    | 20.07                  | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.03                 | 20.14                    | 20.11                  |                     |
| 100             | QPSK       | 1       | 1         | 20.06                 | 20.14                    | 20.16                  | 21.5                |
| 100             | QPSK       | 1       | 137       | 20.21                 | 20.18                    | 20.14                  |                     |
| 100             | QPSK       | 1       | 271       | 20.17                 | 20.09                    | 20.13                  |                     |
| 100             | QPSK       | 135     | 0         | 20.15                 | 20.05                    | 20.05                  | 21.5                |
| 100             | QPSK       | 135     | 69        | 20.02                 | 20.20                    | 20.00                  | 21.5                |
| 100             | QPSK       | 135     | 138       | 20.12                 | 20.12                    | 20.06                  | 21.5                |
| 100             | QPSK       | 270     | 0         | 20.04                 | 20.06                    | 20.14                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.08                 | 20.17                    | 20.11                  | 21.5                |
| 100             | 64QAM      | 1       | 1         | 20.06                 | 20.23                    | 20.11                  | 21.5                |
| 100             | 256QAM     | 1       | 1         | 20.17                 | 20.22                    | 20.16                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.08                    | 20.19                  | 21.5                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.16                    | 20.01                  | 21.5                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.19                    | 20.19                  | 21.5                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.05                    | 20.11                  | 21.5                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.11                    | 20.12                  | 21.5                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.22                    | 20.03                  | 21.5                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.10                    | 20.10                  | 21.5                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.13                    | 20.17                  | 21.5                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.23                    | 20.13                  | 21.5                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.11                    | 20.17                  | 21.5                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.04                    | 20.19                  | 21.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.85                    | 21.81                  | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.78                 | 21.82                    | 21.70                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.68                 | 21.70                    | 21.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.68                 | 21.70                    | 21.73                  | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.69                 | 21.75                    | 21.75                  | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.64                 | 21.73                    | 21.73                  | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.65                 | 21.68                    | 21.63                  |                     |
| 100             | QPSK       | 1       | 1         | 21.69                 | 21.73                    | 21.72                  | 22.9                |
| 100             | QPSK       | 1       | 137       | 21.75                 | 21.66                    | 21.81                  |                     |
| 100             | QPSK       | 1       | 271       | 21.79                 | 21.74                    | 21.64                  |                     |
| 100             | QPSK       | 135     | 0         | 21.64                 | 21.74                    | 21.76                  | 22.9                |
| 100             | QPSK       | 135     | 69        | 21.59                 | 21.79                    | 21.69                  | 22.9                |
| 100             | QPSK       | 135     | 138       | 21.72                 | 21.76                    | 21.68                  | 22.9                |
| 100             | QPSK       | 270     | 0         | 21.74                 | 21.74                    | 21.77                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.70                 | 21.74                    | 21.80                  | 22.9                |
| 100             | 64QAM      | 1       | 1         | 21.35                 | 21.37                    | 21.30                  | 22.5                |
| 100             | 256QAM     | 1       | 1         | 19.57                 | 19.53                    | 19.54                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.65                  | 22.9                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.67                    | 21.64                  | 22.9                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.77                    | 21.78                  | 22.9                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.75                    | 21.66                  | 22.9                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.67                    | 21.77                  | 22.9                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.76                    | 21.80                  | 22.9                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.80                    | 21.62                  | 22.9                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.78                    | 21.72                  | 22.9                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.80                    | 21.81                  | 22.9                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.72                    | 21.71                  | 22.9                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.67                    | 21.81                  | 22.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.71                    | 19.89                  | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 19.62                 | 19.70                    | 19.81                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 19.62                 | 19.66                    | 19.87                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 19.70                 | 19.59                    | 19.71                  | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 19.72                 | 19.63                    | 19.84                  | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 19.64                 | 19.51                    | 19.81                  | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 19.70                 | 19.66                    | 19.70                  |                     |
| 100             | QPSK       | 1       | 1         | 19.67                 | 19.66                    | 19.87                  | 20.0                |
| 100             | QPSK       | 1       | 137       | 19.60                 | 19.65                    | 19.74                  |                     |
| 100             | QPSK       | 1       | 271       | 19.77                 | 19.59                    | 19.78                  |                     |
| 100             | QPSK       | 135     | 0         | 19.76                 | 19.67                    | 19.82                  | 20.0                |
| 100             | QPSK       | 135     | 69        | 19.75                 | 19.60                    | 19.70                  | 20.0                |
| 100             | QPSK       | 135     | 138       | 19.74                 | 19.66                    | 19.82                  | 20.0                |
| 100             | QPSK       | 270     | 0         | 19.76                 | 19.63                    | 19.81                  |                     |
| 100             | 16QAM      | 1       | 1         | 19.75                 | 19.70                    | 19.84                  | 20.0                |
| 100             | 64QAM      | 1       | 1         | 19.61                 | 19.67                    | 19.72                  | 20.0                |
| 100             | 256QAM     | 1       | 1         | 19.62                 | 19.62                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.57                    | 19.84                  | 20.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.62                 | 19.63                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.69                 | 19.60                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.51                    | 19.85                  | 20.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.60                 | 19.61                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.61                 | 19.53                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.57                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.55                    | 19.81                  | 20.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.56                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.66                    | 19.82                  | 20.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.55                    | 19.78                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.34                 | 20.42                    | 20.67                  | 21.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 20.20                 | 20.28                    | 20.59                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 20.21                 | 20.27                    | 20.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.29                 | 20.19                    | 20.52                  | 21.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.34                 | 20.27                    | 20.61                  | 21.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.31                 | 20.24                    | 20.42                  | 21.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.15                 | 20.27                    | 20.57                  |                     |
| 100             | QPSK       | 1       | 1         | 20.14                 | 20.37                    | 20.54                  | 21.3                |
| 100             | QPSK       | 1       | 137       | 20.32                 | 20.43                    | 20.60                  |                     |
| 100             | QPSK       | 1       | 271       | 20.29                 | 20.26                    | 20.49                  |                     |
| 100             | QPSK       | 135     | 0         | 20.36                 | 20.22                    | 20.32                  | 21.3                |
| 100             | QPSK       | 135     | 69        | 20.23                 | 20.32                    | 20.34                  | 21.3                |
| 100             | QPSK       | 135     | 138       | 20.36                 | 20.11                    | 20.27                  | 21.3                |
| 100             | QPSK       | 270     | 0         | 20.36                 | 20.30                    | 20.25                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.22                 | 20.34                    | 20.11                  | 21.3                |
| 100             | 64QAM      | 1       | 1         | 20.07                 | 20.08                    | 20.10                  | 21.3                |
| 100             | 256QAM     | 1       | 1         | 18.27                 | 18.32                    | 18.09                  | 19.6                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.22                 | 20.42                    | 20.49                  | 21.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.36                 | 20.15                    | 20.45                  | 21.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.35                    | 20.53                  | 21.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.36                 | 20.27                    | 20.60                  | 21.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.18                    | 20.44                  | 21.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.35                    | 20.46                  | 21.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.31                    | 20.50                  | 21.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.27                    | 20.56                  | 21.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.30                    | 20.45                  | 21.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.38                 | 20.24                    | 20.61                  | 21.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.30                 | 20.27                    | 20.58                  | 21.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 20.7                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 20.22                 | 20.24                    | 20.20                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 20.04                 | 20.08                    | 20.02                  | 20.7                |
| 100             | PI/2 BPSK  | 1       | 271       | 20.16                 | 20.14                    | 20.03                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 20.07                 | 20.08                    | 20.12                  | 20.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 20.13                 | 20.14                    | 20.13                  | 20.7                |
| 100             | PI/2 BPSK  | 135     | 138       | 20.09                 | 20.07                    | 20.07                  | 20.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 20.03                 | 20.14                    | 20.11                  |                     |
| 100             | QPSK       | 1       | 1         | 20.06                 | 20.14                    | 20.16                  | 20.7                |
| 100             | QPSK       | 1       | 137       | 20.21                 | 20.18                    | 20.14                  |                     |
| 100             | QPSK       | 1       | 271       | 20.17                 | 20.09                    | 20.13                  |                     |
| 100             | QPSK       | 135     | 0         | 20.15                 | 20.05                    | 20.05                  | 20.7                |
| 100             | QPSK       | 135     | 69        | 20.02                 | 20.20                    | 20.00                  | 20.7                |
| 100             | QPSK       | 135     | 138       | 20.12                 | 20.12                    | 20.06                  | 20.7                |
| 100             | QPSK       | 270     | 0         | 20.04                 | 20.06                    | 20.14                  |                     |
| 100             | 16QAM      | 1       | 1         | 20.08                 | 20.17                    | 20.11                  | 20.7                |
| 100             | 64QAM      | 1       | 1         | 20.06                 | 20.23                    | 20.11                  | 20.7                |
| 100             | 256QAM     | 1       | 1         | 20.17                 | 20.22                    | 20.16                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 20.7                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.08                    | 20.19                  | 20.7                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 20.7                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.16                    | 20.01                  | 20.7                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 20.7                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.19                    | 20.19                  | 20.7                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 20.7                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.05                    | 20.11                  | 20.7                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 20.7                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.11                    | 20.12                  | 20.7                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 20.7                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.22                    | 20.03                  | 20.7                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 20.7                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.06                 | 20.10                    | 20.10                  | 20.7                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 20.7                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.13                    | 20.17                  | 20.7                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 20.7                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.09                 | 20.23                    | 20.13                  | 20.7                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 20.7                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.11                    | 20.17                  | 20.7                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 20.7                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.04                    | 20.19                  | 20.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.85                    | 21.81                  | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.78                 | 21.82                    | 21.70                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.68                 | 21.70                    | 21.66                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.68                 | 21.70                    | 21.73                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.69                 | 21.75                    | 21.75                  | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.64                 | 21.73                    | 21.73                  | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.65                 | 21.68                    | 21.63                  |                     |
| 100             | QPSK       | 1       | 1         | 21.69                 | 21.73                    | 21.72                  | 22.1                |
| 100             | QPSK       | 1       | 137       | 21.75                 | 21.66                    | 21.81                  |                     |
| 100             | QPSK       | 1       | 271       | 21.79                 | 21.74                    | 21.64                  |                     |
| 100             | QPSK       | 135     | 0         | 21.64                 | 21.74                    | 21.76                  | 22.1                |
| 100             | QPSK       | 135     | 69        | 21.59                 | 21.79                    | 21.69                  | 22.1                |
| 100             | QPSK       | 135     | 138       | 21.72                 | 21.76                    | 21.68                  | 22.1                |
| 100             | QPSK       | 270     | 0         | 21.74                 | 21.74                    | 21.77                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.70                 | 21.74                    | 21.80                  | 22.1                |
| 100             | 64QAM      | 1       | 1         | 21.35                 | 21.37                    | 21.30                  | 22.1                |
| 100             | 256QAM     | 1       | 1         | 19.57                 | 19.53                    | 19.54                  | 20.5                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.77                    | 21.65                  | 22.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.67                    | 21.64                  | 22.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.77                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.75                    | 21.66                  | 22.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.67                    | 21.77                  | 22.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.76                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.70                 | 21.80                    | 21.62                  | 22.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.78                    | 21.72                  | 22.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.80                    | 21.81                  | 22.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.72                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.67                    | 21.81                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 26.40                 | 26.39                    | 26.51                  | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       | 26.32                 | 26.36                    | 26.43                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 26.30                 | 26.38                    | 26.41                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 25.74                 | 25.79                    | 25.86                  | 27.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 26.29                 | 26.37                    | 26.43                  | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 25.83                 | 25.92                    | 25.98                  | 27.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 25.91                 | 25.90                    | 26.00                  |                     |
| 100             | QPSK       | 1       | 1         | 26.39                 | 26.41                    | 26.47                  | 27.5                |
| 100             | QPSK       | 1       | 137       | 26.31                 | 26.32                    | 26.34                  |                     |
| 100             | QPSK       | 1       | 271       | 26.34                 | 26.36                    | 26.43                  |                     |
| 100             | QPSK       | 135     | 0         | 25.22                 | 25.26                    | 25.28                  | 26.5                |
| 100             | QPSK       | 135     | 69        | 26.32                 | 26.37                    | 26.42                  | 27.5                |
| 100             | QPSK       | 135     | 138       | 25.32                 | 25.38                    | 25.45                  | 26.5                |
| 100             | QPSK       | 270     | 0         | 25.31                 | 25.39                    | 25.44                  |                     |
| 100             | 16QAM      | 1       | 1         | 25.35                 | 25.40                    | 25.46                  | 26.5                |
| 100             | 64QAM      | 1       | 1         | 23.84                 | 23.88                    | 23.96                  | 25.0                |
| 100             | 256QAM     | 1       | 1         | 22.13                 | 22.16                    | 22.18                  | 23.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.30                 | 26.39                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.21                 | 26.22                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.29                 | 26.35                    | 26.41                  | 27.5                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.26                 | 26.37                    | 26.50                  | 27.5                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.38                 | 26.37                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.34                 | 26.19                    | 26.31                  | 27.5                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.22                 | 26.25                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 26.25                 | 26.35                    | 26.45                  | 27.5                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.27                 | 26.38                    | 26.43                  | 27.5                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.38                 | 26.38                    | 26.39                  | 27.5                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.32                 | 26.37                    | 26.44                  | 27.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 15.72                 | 15.79                    | 15.97                  | 17.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 15.69                 | 15.61                    | 15.88                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 15.66                 | 15.65                    | 15.83                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 15.58                 | 15.61                    | 15.83                  | 17.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 15.69                 | 15.78                    | 15.85                  | 17.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 15.65                 | 15.74                    | 15.80                  | 17.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 15.63                 | 15.66                    | 15.94                  |                     |
| 100             | QPSK       | 1       | 1         | 15.60                 | 15.79                    | 15.95                  | 17.0                |
| 100             | QPSK       | 1       | 137       | 15.69                 | 15.72                    | 15.94                  |                     |
| 100             | QPSK       | 1       | 271       | 15.55                 | 15.75                    | 15.83                  |                     |
| 100             | QPSK       | 135     | 0         | 15.64                 | 15.63                    | 15.95                  | 17.0                |
| 100             | QPSK       | 135     | 69        | 15.69                 | 15.77                    | 15.96                  | 17.0                |
| 100             | QPSK       | 135     | 138       | 15.62                 | 15.59                    | 15.87                  | 17.0                |
| 100             | QPSK       | 270     | 0         | 15.64                 | 15.72                    | 15.95                  |                     |
| 100             | 16QAM      | 1       | 1         | 15.65                 | 15.66                    | 15.95                  | 17.0                |
| 100             | 64QAM      | 1       | 1         | 15.65                 | 15.60                    | 15.93                  | 17.0                |
| 100             | 256QAM     | 1       | 1         | 15.68                 | 15.60                    | 15.81                  | 17.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.71                 | 15.69                    | 15.88                  | 17.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.58                 | 15.71                    | 15.83                  | 17.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.70                 | 15.60                    | 15.78                  | 17.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.52                 | 15.77                    | 15.88                  | 17.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.53                 | 15.69                    | 15.90                  | 17.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.64                 | 15.74                    | 15.78                  | 17.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.52                 | 15.75                    | 15.96                  | 17.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.52                 | 15.77                    | 15.86                  | 17.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.59                 | 15.71                    | 15.85                  | 17.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.71                 | 15.64                    | 15.86                  | 17.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.57                 | 15.63                    | 15.93                  | 17.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 25.63                 | 25.70                    | 25.61                  | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       | 25.42                 | 25.54                    | 25.35                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 25.59                 | 25.69                    | 25.53                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.61                 | 24.78                    | 24.63                  | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 25.40                 | 25.55                    | 25.46                  | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.81                 | 24.90                    | 24.73                  | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.72                 | 24.89                    | 24.75                  |                     |
| 100             | QPSK       | 1       | 1         | 25.56                 | 25.68                    | 25.55                  | 26.2                |
| 100             | QPSK       | 1       | 137       | 25.44                 | 25.52                    | 25.36                  |                     |
| 100             | QPSK       | 1       | 271       | 25.53                 | 25.65                    | 25.46                  |                     |
| 100             | QPSK       | 135     | 0         | 24.16                 | 24.33                    | 24.15                  | 25.2                |
| 100             | QPSK       | 135     | 69        | 25.43                 | 25.56                    | 25.47                  | 26.2                |
| 100             | QPSK       | 135     | 138       | 24.28                 | 24.40                    | 24.27                  | 25.2                |
| 100             | QPSK       | 270     | 0         | 24.25                 | 24.39                    | 24.25                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.39                 | 24.46                    | 24.34                  | 25.2                |
| 100             | 64QAM      | 1       | 1         | 22.76                 | 22.93                    | 22.80                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 21.17                 | 21.25                    | 21.09                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.55                 | 25.67                    | 25.49                  | 26.2                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.56                 | 25.51                    | 25.55                  | 26.2                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.50                 | 25.59                    | 25.48                  | 26.2                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.53                    | 25.54                  | 26.2                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.60                 | 25.68                    | 25.57                  | 26.2                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.53                 | 25.50                    | 25.43                  | 26.2                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.56                    | 25.50                  | 26.2                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.45                 | 25.58                    | 25.45                  | 26.2                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.62                 | 25.64                    | 25.42                  | 26.2                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.51                 | 25.50                    | 25.55                  | 26.2                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.51                 | 25.51                    | 25.56                  | 26.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 25.39                 | 25.49                    | 25.42                  | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.99                 | 25.15                    | 25.08                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 25.35                 | 25.46                    | 25.34                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.27                 | 24.45                    | 24.29                  | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.96                 | 25.13                    | 24.99                  | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.39                 | 24.55                    | 24.43                  | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.40                 | 24.50                    | 24.38                  |                     |
| 100             | QPSK       | 1       | 1         | 25.24                 | 25.35                    | 25.20                  |                     |
| 100             | QPSK       | 1       | 137       | 24.96                 | 25.10                    | 24.94                  | 26.2                |
| 100             | QPSK       | 1       | 271       | 25.30                 | 25.43                    | 25.34                  |                     |
| 100             | QPSK       | 135     | 0         | 23.75                 | 23.94                    | 23.85                  |                     |
| 100             | QPSK       | 135     | 69        | 25.00                 | 25.13                    | 24.97                  | 26.2                |
| 100             | QPSK       | 135     | 138       | 23.87                 | 24.04                    | 23.90                  | 25.2                |
| 100             | QPSK       | 270     | 0         | 23.87                 | 23.97                    | 23.88                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.05                 | 24.16                    | 24.01                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.48                 | 22.65                    | 22.52                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 20.75                 | 20.95                    | 20.79                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.30                 | 25.41                    | 25.25                  | 26.2                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.27                 | 25.43                    | 25.39                  | 26.2                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.41                    | 25.32                  | 26.2                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.48                    | 25.41                  | 26.2                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.34                 | 25.45                    | 25.26                  | 26.2                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.25                 | 25.42                    | 25.36                  | 26.2                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.38                 | 25.41                    | 25.39                  | 26.2                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.31                 | 25.48                    | 25.28                  | 26.2                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.25                 | 25.48                    | 25.26                  | 26.2                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.21                 | 25.40                    | 25.29                  | 26.2                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.35                 | 25.40                    | 25.37                  | 26.2                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.69                    | 22.79                  | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       | 22.84                 | 22.64                    | 22.74                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 22.82                 | 22.58                    | 22.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.68                 | 22.66                    | 22.61                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.81                 | 22.69                    | 22.67                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.76                 | 22.49                    | 22.66                  | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.68                 | 22.53                    | 22.75                  |                     |
| 100             | QPSK       | 1       | 1         | 22.75                 | 22.61                    | 22.70                  | 23.0                |
| 100             | QPSK       | 1       | 137       | 22.70                 | 22.55                    | 22.65                  |                     |
| 100             | QPSK       | 1       | 271       | 22.84                 | 22.52                    | 22.71                  |                     |
| 100             | QPSK       | 135     | 0         | 22.84                 | 22.53                    | 22.70                  | 23.0                |
| 100             | QPSK       | 135     | 69        | 22.71                 | 22.54                    | 22.73                  | 23.0                |
| 100             | QPSK       | 135     | 138       | 22.73                 | 22.47                    | 22.70                  | 23.0                |
| 100             | QPSK       | 270     | 0         | 22.76                 | 22.50                    | 22.63                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.84                 | 22.54                    | 22.75                  | 23.0                |
| 100             | 64QAM      | 1       | 1         | 22.71                 | 22.64                    | 22.73                  | 23.0                |
| 100             | 256QAM     | 1       | 1         | 22.27                 | 22.22                    | 22.23                  | 23.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.68                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.63                    | 22.69                  | 23.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.52                    | 22.67                  | 23.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.59                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.64                    | 22.68                  | 23.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.52                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.64                    | 22.65                  | 23.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.67                    | 22.75                  | 23.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.60                    | 22.65                  | 23.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.60                    | 22.64                  | 23.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.51                    | 22.62                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 21.49                 | 21.53                    | 21.63                  | 22.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 21.44                 | 21.50                    | 21.55                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 21.49                 | 21.42                    | 21.57                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 21.43                 | 21.33                    | 21.49                  | 22.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 21.46                 | 21.46                    | 21.62                  | 22.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 21.43                 | 21.39                    | 21.31                  | 22.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 21.44                 | 21.54                    | 21.39                  |                     |
| 100             | QPSK       | 1       | 1         | 21.52                 | 21.49                    | 21.58                  | 22.3                |
| 100             | QPSK       | 1       | 137       | 21.36                 | 21.40                    | 21.62                  |                     |
| 100             | QPSK       | 1       | 271       | 21.62                 | 21.58                    | 21.54                  |                     |
| 100             | QPSK       | 135     | 0         | 21.34                 | 21.49                    | 21.40                  | 22.3                |
| 100             | QPSK       | 135     | 69        | 21.37                 | 21.46                    | 21.56                  | 22.3                |
| 100             | QPSK       | 135     | 138       | 21.54                 | 21.56                    | 21.42                  | 22.3                |
| 100             | QPSK       | 270     | 0         | 21.46                 | 21.45                    | 21.62                  |                     |
| 100             | 16QAM      | 1       | 1         | 21.44                 | 21.50                    | 21.52                  | 22.3                |
| 100             | 64QAM      | 1       | 1         | 20.75                 | 20.86                    | 20.94                  | 22.3                |
| 100             | 256QAM     | 1       | 1         | 20.72                 | 20.96                    | 21.07                  | 22.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.37                    | 21.47                  | 22.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.59                    | 21.52                  | 22.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.39                 | 21.42                    | 21.58                  | 22.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.41                 | 21.49                    | 21.53                  | 22.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.57                    | 21.55                  | 22.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.54                    | 21.47                  | 22.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.46                 | 21.53                    | 21.44                  | 22.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.42                 | 21.52                    | 21.51                  | 22.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.41                    | 21.50                  | 22.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.44                    | 21.55                  | 22.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.38                 | 21.56                    | 21.58                  | 22.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.22                    | 23.16                  | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.25                 | 23.11                    | 23.09                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.14                 | 23.21                    | 23.02                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.24                 | 23.15                    | 22.96                  | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.23                 | 23.18                    | 23.13                  | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.21                 | 23.15                    | 23.06                  | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.26                 | 23.19                    | 23.15                  |                     |
| 100             | QPSK       | 1       | 1         | 23.20                 | 23.04                    | 23.05                  | 23.3                |
| 100             | QPSK       | 1       | 137       | 23.24                 | 23.11                    | 23.09                  |                     |
| 100             | QPSK       | 1       | 271       | 23.17                 | 23.22                    | 23.10                  |                     |
| 100             | QPSK       | 135     | 0         | 23.25                 | 23.10                    | 23.07                  | 23.3                |
| 100             | QPSK       | 135     | 69        | 23.29                 | 23.11                    | 23.00                  | 23.3                |
| 100             | QPSK       | 135     | 138       | 23.15                 | 23.02                    | 23.04                  | 23.3                |
| 100             | QPSK       | 270     | 0         | 23.22                 | 23.12                    | 23.10                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.21                 | 23.19                    | 23.16                  | 23.3                |
| 100             | 64QAM      | 1       | 1         | 22.75                 | 22.73                    | 22.68                  | 23.3                |
| 100             | 256QAM     | 1       | 1         | 21.09                 | 21.06                    | 21.01                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.17                    | 23.04                  | 23.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.16                  | 23.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.17                    | 23.13                  | 23.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.04                    | 23.02                  | 23.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.08                    | 23.12                  | 23.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.00                  | 23.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.12                    | 22.96                  | 23.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.15                    | 23.04                  | 23.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.19                    | 23.04                  | 23.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.20                    | 23.11                  | 23.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.06                    | 22.99                  | 23.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.89                    | 24.74                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.30                 | 24.35                    | 24.33                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.71                 | 24.80                    | 24.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.24                 | 24.52                    | 24.38                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.38                 | 24.62                    | 24.44                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.32                 | 24.61                    | 24.53                  | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.41                 | 24.42                    | 24.41                  |                     |
| 100             | QPSK       | 1       | 1         | 24.64                 | 24.74                    | 24.48                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 24.27                 | 24.33                    | 24.14                  |                     |
| 100             | QPSK       | 1       | 271       | 24.69                 | 24.73                    | 24.61                  |                     |
| 100             | QPSK       | 135     | 0         | 23.84                 | 23.92                    | 23.77                  | 25.1                |
| 100             | QPSK       | 135     | 69        | 24.34                 | 24.34                    | 24.17                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 23.86                 | 23.97                    | 23.99                  | 25.1                |
| 100             | QPSK       | 270     | 0         | 23.92                 | 24.00                    | 23.83                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.06                 | 24.16                    | 23.92                  | 25.1                |
| 100             | 64QAM      | 1       | 1         | 22.55                 | 22.66                    | 22.55                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 20.72                 | 20.86                    | 20.86                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.67                 | 24.65                    | 24.53                  | 25.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.80                    | 24.70                  | 25.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.55                  | 25.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.55                 | 24.80                    | 24.80                  | 25.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.77                    | 24.55                  | 25.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.79                    | 24.74                  | 25.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.76                    | 24.69                  | 25.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.56                  | 25.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.52                 | 24.69                    | 24.62                  | 25.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.57                 | 24.73                    | 24.65                  | 25.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.66                 | 24.78                    | 24.73                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 23.8                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.69                    | 22.79                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.84                 | 22.64                    | 22.74                  | 23.8                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.82                 | 22.58                    | 22.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.68                 | 22.66                    | 22.61                  | 23.8                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.81                 | 22.69                    | 22.67                  | 23.8                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.76                 | 22.49                    | 22.66                  | 23.8                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.68                 | 22.53                    | 22.75                  |                     |
| 100             | QPSK       | 1       | 1         | 22.75                 | 22.61                    | 22.70                  | 23.8                |
| 100             | QPSK       | 1       | 137       | 22.70                 | 22.55                    | 22.65                  |                     |
| 100             | QPSK       | 1       | 271       | 22.84                 | 22.52                    | 22.71                  |                     |
| 100             | QPSK       | 135     | 0         | 22.84                 | 22.53                    | 22.70                  | 23.8                |
| 100             | QPSK       | 135     | 69        | 22.71                 | 22.54                    | 22.73                  | 23.8                |
| 100             | QPSK       | 135     | 138       | 22.73                 | 22.47                    | 22.70                  | 23.8                |
| 100             | QPSK       | 270     | 0         | 22.76                 | 22.50                    | 22.63                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.84                 | 22.54                    | 22.75                  | 23.8                |
| 100             | 64QAM      | 1       | 1         | 22.71                 | 22.64                    | 22.73                  | 23.8                |
| 100             | 256QAM     | 1       | 1         | 22.27                 | 22.22                    | 22.23                  | 23.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | 23.8                |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.68                    | 22.59                  | 23.8                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | 23.8                |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.63                    | 22.69                  | 23.8                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | 23.8                |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.52                    | 22.67                  | 23.8                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | 23.8                |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.59                    | 22.59                  | 23.8                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | 23.8                |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.64                    | 22.68                  | 23.8                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | 23.8                |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.52                    | 22.59                  | 23.8                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | 23.8                |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.64                    | 22.65                  | 23.8                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | 23.8                |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.67                    | 22.75                  | 23.8                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | 23.8                |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.60                    | 22.65                  | 23.8                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | 23.8                |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.60                    | 22.64                  | 23.8                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | 23.8                |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.51                    | 22.62                  | 23.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.58                 | 23.58                    | 23.66                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.44                 | 23.52                    | 23.61                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.56                 | 23.51                    | 23.62                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.48                 | 23.41                    | 23.53                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.51                 | 23.51                    | 23.62                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.50                 | 23.42                    | 23.41                  | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.47                 | 23.56                    | 23.46                  |                     |
| 100             | QPSK       | 1       | 1         | 23.56                 | 23.50                    | 23.64                  |                     |
| 100             | QPSK       | 1       | 137       | 23.43                 | 23.50                    | 23.63                  | 25.1                |
| 100             | QPSK       | 1       | 271       | 23.63                 | 23.62                    | 23.60                  |                     |
| 100             | QPSK       | 135     | 0         | 23.44                 | 23.49                    | 23.50                  |                     |
| 100             | QPSK       | 135     | 69        | 23.47                 | 23.49                    | 23.56                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 23.62                 | 23.63                    | 23.50                  | 25.1                |
| 100             | QPSK       | 270     | 0         | 23.53                 | 23.53                    | 23.63                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.45                 | 23.51                    | 23.57                  |                     |
| 100             | 64QAM      | 1       | 1         | 22.56                 | 22.68                    | 22.74                  | 24.0                |
| 100             | 256QAM     | 1       | 1         | 20.74                 | 20.97                    | 21.08                  | 22.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.40                    | 23.55                  | 25.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.48                 | 23.60                    | 23.60                  | 25.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.49                    | 23.65                  | 25.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.42                 | 23.49                    | 23.63                  | 25.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.46                 | 23.59                    | 23.65                  | 25.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.54                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.47                 | 23.57                    | 23.45                  | 25.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.55                    | 23.61                  | 25.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.50                    | 23.56                  | 25.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.43                 | 23.48                    | 23.63                  | 25.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.46                 | 23.60                    | 23.63                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.22                    | 23.16                  | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.25                 | 23.11                    | 23.09                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.14                 | 23.21                    | 23.02                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.24                 | 23.15                    | 22.96                  | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.23                 | 23.18                    | 23.13                  | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.21                 | 23.15                    | 23.06                  | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.26                 | 23.19                    | 23.15                  |                     |
| 100             | QPSK       | 1       | 1         | 23.20                 | 23.04                    | 23.05                  | 24.5                |
| 100             | QPSK       | 1       | 137       | 23.24                 | 23.11                    | 23.09                  |                     |
| 100             | QPSK       | 1       | 271       | 23.17                 | 23.22                    | 23.10                  |                     |
| 100             | QPSK       | 135     | 0         | 23.25                 | 23.10                    | 23.07                  | 24.5                |
| 100             | QPSK       | 135     | 69        | 23.29                 | 23.11                    | 23.00                  | 24.5                |
| 100             | QPSK       | 135     | 138       | 23.15                 | 23.02                    | 23.04                  | 24.5                |
| 100             | QPSK       | 270     | 0         | 23.22                 | 23.12                    | 23.10                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.21                 | 23.19                    | 23.16                  | 24.5                |
| 100             | 64QAM      | 1       | 1         | 22.75                 | 22.73                    | 22.68                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 21.09                 | 21.06                    | 21.01                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.17                    | 23.04                  | 24.5                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.16                  | 24.5                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.17                    | 23.13                  | 24.5                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.04                    | 23.02                  | 24.5                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.08                    | 23.12                  | 24.5                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.00                  | 24.5                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.12                    | 22.96                  | 24.5                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.15                    | 23.04                  | 24.5                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.19                    | 23.04                  | 24.5                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.20                    | 23.11                  | 24.5                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.06                    | 22.99                  | 24.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.89                    | 24.74                  | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.30                 | 24.35                    | 24.33                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.71                 | 24.80                    | 24.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.24                 | 24.52                    | 24.38                  | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.38                 | 24.62                    | 24.44                  | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.32                 | 24.61                    | 24.53                  | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.41                 | 24.42                    | 24.41                  |                     |
| 100             | QPSK       | 1       | 1         | 24.64                 | 24.74                    | 24.48                  | 25.9                |
| 100             | QPSK       | 1       | 137       | 24.27                 | 24.33                    | 24.14                  |                     |
| 100             | QPSK       | 1       | 271       | 24.69                 | 24.73                    | 24.61                  |                     |
| 100             | QPSK       | 135     | 0         | 23.84                 | 23.92                    | 23.77                  | 25.2                |
| 100             | QPSK       | 135     | 69        | 24.34                 | 24.34                    | 24.17                  | 25.9                |
| 100             | QPSK       | 135     | 138       | 23.86                 | 23.97                    | 23.99                  | 25.2                |
| 100             | QPSK       | 270     | 0         | 23.92                 | 24.00                    | 23.83                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.06                 | 24.16                    | 23.92                  | 25.2                |
| 100             | 64QAM      | 1       | 1         | 22.55                 | 22.66                    | 22.55                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 20.72                 | 20.86                    | 20.86                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.67                 | 24.65                    | 24.53                  | 25.9                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.80                    | 24.70                  | 25.9                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.55                  | 25.9                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.55                 | 24.80                    | 24.80                  | 25.9                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.77                    | 24.55                  | 25.9                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.79                    | 24.74                  | 25.9                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.76                    | 24.69                  | 25.9                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.56                  | 25.9                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.52                 | 24.69                    | 24.62                  | 25.9                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.57                 | 24.73                    | 24.65                  | 25.9                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.66                 | 24.78                    | 24.73                  | 25.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 | 23.0                |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.69                    | 22.79                  |                     |
| 100             | PI/2 BPSK  | 1       | 137       | 22.84                 | 22.64                    | 22.74                  | 23.0                |
| 100             | PI/2 BPSK  | 1       | 271       | 22.82                 | 22.58                    | 22.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 22.68                 | 22.66                    | 22.61                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        | 22.81                 | 22.69                    | 22.67                  | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       | 22.76                 | 22.49                    | 22.66                  | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         | 22.68                 | 22.53                    | 22.75                  |                     |
| 100             | QPSK       | 1       | 1         | 22.75                 | 22.61                    | 22.70                  | 23.0                |
| 100             | QPSK       | 1       | 137       | 22.70                 | 22.55                    | 22.65                  |                     |
| 100             | QPSK       | 1       | 271       | 22.84                 | 22.52                    | 22.71                  |                     |
| 100             | QPSK       | 135     | 0         | 22.84                 | 22.53                    | 22.70                  | 23.0                |
| 100             | QPSK       | 135     | 69        | 22.71                 | 22.54                    | 22.73                  | 23.0                |
| 100             | QPSK       | 135     | 138       | 22.73                 | 22.47                    | 22.70                  | 23.0                |
| 100             | QPSK       | 270     | 0         | 22.76                 | 22.50                    | 22.63                  |                     |
| 100             | 16QAM      | 1       | 1         | 22.84                 | 22.54                    | 22.75                  | 23.0                |
| 100             | 64QAM      | 1       | 1         | 22.71                 | 22.64                    | 22.73                  | 23.0                |
| 100             | 256QAM     | 1       | 1         | 22.27                 | 22.22                    | 22.23                  | 23.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.70                 | 22.68                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.63                    | 22.69                  | 23.0                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.52                    | 22.67                  | 23.0                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.59                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.64                    | 22.68                  | 23.0                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.52                    | 22.59                  | 23.0                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.69                 | 22.64                    | 22.65                  | 23.0                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.67                    | 22.75                  | 23.0                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.60                    | 22.65                  | 23.0                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.60                    | 22.64                  | 23.0                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.79                 | 22.51                    | 22.62                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.58                 | 23.58                    | 23.66                  | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.44                 | 23.52                    | 23.61                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.56                 | 23.51                    | 23.62                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.48                 | 23.41                    | 23.53                  | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.51                 | 23.51                    | 23.62                  | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.50                 | 23.42                    | 23.41                  | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.47                 | 23.56                    | 23.46                  |                     |
| 100             | QPSK       | 1       | 1         | 23.56                 | 23.50                    | 23.64                  | 24.3                |
| 100             | QPSK       | 1       | 137       | 23.43                 | 23.50                    | 23.63                  |                     |
| 100             | QPSK       | 1       | 271       | 23.63                 | 23.62                    | 23.60                  |                     |
| 100             | QPSK       | 135     | 0         | 23.44                 | 23.49                    | 23.50                  | 24.3                |
| 100             | QPSK       | 135     | 69        | 23.47                 | 23.49                    | 23.56                  | 24.3                |
| 100             | QPSK       | 135     | 138       | 23.62                 | 23.63                    | 23.50                  | 24.3                |
| 100             | QPSK       | 270     | 0         | 23.53                 | 23.53                    | 23.63                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.45                 | 23.51                    | 23.57                  | 24.3                |
| 100             | 64QAM      | 1       | 1         | 22.56                 | 22.68                    | 22.74                  | 24.0                |
| 100             | 256QAM     | 1       | 1         | 20.74                 | 20.97                    | 21.08                  | 22.0                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.40                    | 23.55                  | 24.3                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.48                 | 23.60                    | 23.60                  | 24.3                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.49                    | 23.65                  | 24.3                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.42                 | 23.49                    | 23.63                  | 24.3                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.46                 | 23.59                    | 23.65                  | 24.3                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.54                    | 23.56                  | 24.3                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.47                 | 23.57                    | 23.45                  | 24.3                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.45                 | 23.55                    | 23.61                  | 24.3                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.44                 | 23.50                    | 23.56                  | 24.3                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.43                 | 23.48                    | 23.63                  | 24.3                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.46                 | 23.60                    | 23.63                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.22                    | 23.16                  | 23.7                |
| 100             | PI/2 BPSK  | 1       | 137       | 23.25                 | 23.11                    | 23.09                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 23.14                 | 23.21                    | 23.02                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 23.24                 | 23.15                    | 22.96                  | 23.7                |
| 100             | PI/2 BPSK  | 135     | 69        | 23.23                 | 23.18                    | 23.13                  | 23.7                |
| 100             | PI/2 BPSK  | 135     | 138       | 23.21                 | 23.15                    | 23.06                  | 23.7                |
| 100             | PI/2 BPSK  | 270     | 0         | 23.26                 | 23.19                    | 23.15                  |                     |
| 100             | QPSK       | 1       | 1         | 23.20                 | 23.04                    | 23.05                  | 23.7                |
| 100             | QPSK       | 1       | 137       | 23.24                 | 23.11                    | 23.09                  |                     |
| 100             | QPSK       | 1       | 271       | 23.17                 | 23.22                    | 23.10                  |                     |
| 100             | QPSK       | 135     | 0         | 23.25                 | 23.10                    | 23.07                  | 23.7                |
| 100             | QPSK       | 135     | 69        | 23.29                 | 23.11                    | 23.00                  | 23.7                |
| 100             | QPSK       | 135     | 138       | 23.15                 | 23.02                    | 23.04                  | 23.7                |
| 100             | QPSK       | 270     | 0         | 23.22                 | 23.12                    | 23.10                  |                     |
| 100             | 16QAM      | 1       | 1         | 23.21                 | 23.19                    | 23.16                  | 23.7                |
| 100             | 64QAM      | 1       | 1         | 22.75                 | 22.73                    | 22.68                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 21.09                 | 21.06                    | 21.01                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.17                    | 23.04                  | 23.7                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.16                  | 23.7                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.17                    | 23.13                  | 23.7                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.04                    | 23.02                  | 23.7                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.08                    | 23.12                  | 23.7                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.13                    | 23.00                  | 23.7                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.12                    | 22.96                  | 23.7                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.15                    | 23.04                  | 23.7                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.19                    | 23.04                  | 23.7                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.20                    | 23.11                  | 23.7                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.06                    | 22.99                  | 23.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           | 650000                | 656000                   | 662000                 |                     |
| Frequency (MHz) |            |         |           | 3750                  | 3840                     | 3930                   |                     |
| 100             | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.89                    | 24.74                  | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       | 24.30                 | 24.35                    | 24.33                  |                     |
| 100             | PI/2 BPSK  | 1       | 271       | 24.71                 | 24.80                    | 24.61                  |                     |
| 100             | PI/2 BPSK  | 135     | 0         | 24.24                 | 24.52                    | 24.38                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        | 24.38                 | 24.62                    | 24.44                  | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       | 24.32                 | 24.61                    | 24.53                  | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         | 24.41                 | 24.42                    | 24.41                  |                     |
| 100             | QPSK       | 1       | 1         | 24.64                 | 24.74                    | 24.48                  | 25.1                |
| 100             | QPSK       | 1       | 137       | 24.27                 | 24.33                    | 24.14                  |                     |
| 100             | QPSK       | 1       | 271       | 24.69                 | 24.73                    | 24.61                  |                     |
| 100             | QPSK       | 135     | 0         | 23.84                 | 23.92                    | 23.77                  | 25.1                |
| 100             | QPSK       | 135     | 69        | 24.34                 | 24.34                    | 24.17                  | 25.1                |
| 100             | QPSK       | 135     | 138       | 23.86                 | 23.97                    | 23.99                  | 25.1                |
| 100             | QPSK       | 270     | 0         | 23.92                 | 24.00                    | 23.83                  |                     |
| 100             | 16QAM      | 1       | 1         | 24.06                 | 24.16                    | 23.92                  | 25.1                |
| 100             | 64QAM      | 1       | 1         | 22.55                 | 22.66                    | 22.55                  | 23.7                |
| 100             | 256QAM     | 1       | 1         | 20.72                 | 20.86                    | 20.86                  | 21.7                |
| Channel         |            |         |           | 649668                | 656000                   | 662332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3840                     | 3934.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.67                 | 24.65                    | 24.53                  | 25.1                |
| Channel         |            |         |           | 649334                | 656000                   | 662666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3840                     | 3939.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.80                    | 24.70                  | 25.1                |
| Channel         |            |         |           | 649000                | 656000                   | 663000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3840                     | 3945                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.55                  | 25.1                |
| Channel         |            |         |           | 648668                | 656000                   | 663332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3840                     | 3949.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.55                 | 24.80                    | 24.80                  | 25.1                |
| Channel         |            |         |           | 648334                | 656000                   | 663666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3840                     | 3954.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.73                 | 24.77                    | 24.55                  | 25.1                |
| Channel         |            |         |           | 648000                | 656000                   | 664000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3840                     | 3960                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.79                    | 24.74                  | 25.1                |
| Channel         |            |         |           | 647668                | 656000                   | 664332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3840.00                  | 3964.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.76                    | 24.69                  | 25.1                |
| Channel         |            |         |           | 647500                | 656000                   | 664500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3840.00                  | 3967.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.71                 | 24.72                    | 24.56                  | 25.1                |
| Channel         |            |         |           | 647334                | 656000                   | 664666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3840                     | 3969.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.52                 | 24.69                    | 24.62                  | 25.1                |
| Channel         |            |         |           | 647168                | 656000                   | 664832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3840                     | 3972.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.57                 | 24.73                    | 24.65                  | 25.1                |
| Channel         |            |         |           | 647000                | 656000                   | 665000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3840                     | 3975                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.66                 | 24.78                    | 24.73                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.1                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.24                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.98                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.19                    |                        | 24.6                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.56                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.95                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.55                    |                        | 24.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.46                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.16                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.92                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.15                    |                        | 24.1                |
| 100             | QPSK       | 135     | 0         |                       | 22.98                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 23.95                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.15                    |                        | 24.1                |
| 100             | QPSK       | 270     | 0         |                       | 22.97                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.05                    |                        | 24.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.56                    |                        | 22.6                |
| 100             | 256QAM     | 1       | 1         |                       | 19.78                    |                        | 20.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.10                    | 24.08                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.04                 | 24.11                    | 24.05                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.22                    | 24.23                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.05                 | 24.06                    | 24.13                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.11                 | 24.09                    | 24.24                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.06                 | 24.05                    | 24.07                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.10                 | 24.21                    | 24.08                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.07                 | 24.21                    | 24.23                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.04                 | 24.07                    | 24.06                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.23                    | 24.08                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.06                 | 24.05                    | 24.23                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 13.89                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.83                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.78                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.81                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 13.86                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.84                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 13.78                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 13.83                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 13.87                    |                        | 14.0                |
| 100             | QPSK       | 1       | 271       |                       | 13.87                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.88                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 13.82                    |                        | 14.0                |
| 100             | QPSK       | 135     | 138       |                       | 13.87                    |                        | 14.0                |
| 100             | QPSK       | 270     | 0         |                       | 13.84                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.70                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 13.71                    |                        | 14.0                |
| 100             | 256QAM     | 1       | 1         |                       | 13.84                    |                        | 14.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.82                 | 13.88                    | 13.70                  | 14.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.81                 | 13.79                    | 13.71                  | 14.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.81                 | 13.88                    | 13.78                  | 14.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.77                 | 13.74                    | 13.71                  | 14.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.75                 | 13.88                    | 13.83                  | 14.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.71                 | 13.82                    | 13.78                  | 14.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.78                 | 13.69                    | 13.85                  | 14.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.69                 | 13.73                    | 13.80                  | 14.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.88                 | 13.84                    | 13.77                  | 14.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.70                 | 13.70                    | 13.70                  | 14.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.87                 | 13.74                    | 13.77                  | 14.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.0                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.50                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.33                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.46                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.77                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.30                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.85                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.47                    |                        | 25.0                |
| 100             | QPSK       | 1       | 137       |                       | 24.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.44                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.25                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 24.27                    |                        | 25.0                |
| 100             | QPSK       | 135     | 138       |                       | 23.29                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 23.31                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.38                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.91                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.13                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.41                 | 24.48                    | 24.45                  | 25.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.36                    | 24.39                  | 25.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.47                    | 24.35                  | 25.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.41                    | 24.44                  | 25.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.36                 | 24.46                    | 24.40                  | 25.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.48                 | 24.40                    | 24.48                  | 25.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.49                 | 24.45                    | 24.41                  | 25.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.44                    | 24.30                  | 25.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.46                 | 24.30                    | 24.30                  | 25.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.43                 | 24.31                    | 24.39                  | 25.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.40                 | 24.41                    | 24.48                  | 25.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.60                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.38                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.57                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.42                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.40                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.40                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.44                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.59                    |                        | 23.6                |
| 100             | QPSK       | 1       | 137       |                       | 22.33                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.54                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.42                    |                        | 23.6                |
| 100             | QPSK       | 135     | 69        |                       | 22.36                    |                        | 23.6                |
| 100             | QPSK       | 135     | 138       |                       | 22.42                    |                        | 23.6                |
| 100             | QPSK       | 270     | 0         |                       | 22.39                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.50                    |                        | 23.6                |
| 100             | 64QAM      | 1       | 1         |                       | 21.55                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.75                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.50                    | 22.45                  | 23.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.56                 | 22.57                    | 22.57                  | 23.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.43                 | 22.48                    | 22.57                  | 23.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.59                 | 22.43                    | 22.55                  | 23.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.44                 | 22.42                    | 22.45                  | 23.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.54                    | 22.43                  | 23.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.55                 | 22.47                    | 22.59                  | 23.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.51                 | 22.47                    | 22.58                  | 23.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.43                 | 22.57                    | 22.47                  | 23.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.47                 | 22.57                    | 22.58                  | 23.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.45                 | 22.43                    | 22.58                  | 23.6                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.91                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.89                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.82                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.83                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.85                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.72                    |                        | 20.0                |
| 100             | QPSK       | 1       | 137       |                       | 19.87                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.79                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.85                    |                        | 20.0                |
| 100             | QPSK       | 135     | 69        |                       | 19.72                    |                        | 20.0                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.72                    |                        | 20.0                |
| 100             | 64QAM      | 1       | 1         |                       | 19.86                    |                        | 20.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.73                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.87                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.83                    | 19.73                  | 20.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.81                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.90                 | 19.89                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.80                    | 19.88                  | 20.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.75                 | 19.77                    | 19.72                  | 20.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.87                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.85                    | 19.89                  | 20.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.79                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.83                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.89                 | 19.86                    | 19.77                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.44                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.36                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.36                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.30                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.39                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.38                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.31                    |                        | 19.3                |
| 100             | QPSK       | 1       | 137       |                       | 18.37                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.37                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.34                    |                        | 19.3                |
| 100             | QPSK       | 135     | 69        |                       | 18.39                    |                        | 19.3                |
| 100             | QPSK       | 135     | 138       |                       | 18.35                    |                        | 19.3                |
| 100             | QPSK       | 270     | 0         |                       | 18.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.41                    |                        | 19.3                |
| 100             | 64QAM      | 1       | 1         |                       | 18.35                    |                        | 19.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.40                    |                        | 19.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.31                 | 18.42                    | 18.32                  | 19.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.40                 | 18.39                    | 18.38                  | 19.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.36                 | 18.42                    | 18.36                  | 19.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.34                 | 18.29                    | 18.35                  | 19.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.37                 | 18.36                    | 18.39                  | 19.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.31                 | 18.35                    | 18.42                  | 19.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.34                 | 18.43                    | 18.42                  | 19.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.40                 | 18.43                    | 18.43                  | 19.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.39                 | 18.33                    | 18.39                  | 19.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.39                 | 18.43                    | 18.27                  | 19.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.33                 | 18.36                    | 18.36                  | 19.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 20.3                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.16                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.12                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.04                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.10                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.01                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.07                    |                        | 20.3                |
| 100             | QPSK       | 1       | 1         |                       | 20.04                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.03                    |                        | 20.3                |
| 100             | QPSK       | 1       | 271       |                       | 19.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.04                    |                        | 20.3                |
| 100             | QPSK       | 135     | 69        |                       | 20.15                    |                        |                     |
| 100             | QPSK       | 135     | 138       |                       | 20.09                    |                        | 20.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.06                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.13                    |                        | 20.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.11                    |                        |                     |
| 100             | 256QAM     | 1       | 1         |                       | 20.06                    |                        | 20.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 |                     |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.04                 | 20.04                    | 20.11                  | 20.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.02                    | 20.00                  | 20.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.01                  | 20.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.07                    | 20.05                  | 20.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.04                    | 20.15                  | 20.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.12                    | 20.00                  | 20.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.07                    | 20.10                  | 20.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.07                  | 20.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.03                 | 19.98                    | 20.09                  | 20.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.14                    | 19.99                  | 20.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.14                    | 20.15                  | 20.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.80                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.83                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.66                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.80                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.76                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.68                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.71                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.83                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.66                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.67                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.78                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.39                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.59                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.83                    | 21.81                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.69                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.72                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.67                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.73                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.75                    | 21.66                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.80                    | 21.83                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.80                    | 21.67                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.78                    | 21.75                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.66                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.65                    | 21.67                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.91                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.89                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.82                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.83                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.85                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.72                    |                        | 20.8                |
| 100             | QPSK       | 1       | 137       |                       | 19.87                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.79                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.85                    |                        | 20.8                |
| 100             | QPSK       | 135     | 69        |                       | 19.72                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.72                    |                        | 20.8                |
| 100             | 64QAM      | 1       | 1         |                       | 19.86                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.73                    |                        | 20.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.87                    | 19.86                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.83                    | 19.73                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.81                    | 19.78                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.90                 | 19.89                    | 19.83                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.80                    | 19.88                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.75                 | 19.77                    | 19.72                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.87                    | 19.74                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.85                    | 19.89                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.79                    | 19.77                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.83                    | 19.87                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.89                 | 19.86                    | 19.77                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.48                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.45                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.46                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.35                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.43                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.40                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.37                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.41                    |                        | 22.1                |
| 100             | QPSK       | 1       | 271       |                       | 20.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.43                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 20.44                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 20.46                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 20.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.41                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 20.20                    |                        | 21.6                |
| 100             | 256QAM     | 1       | 1         |                       | 18.44                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.41                 | 20.45                    | 20.32                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.44                    | 20.42                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.42                 | 20.43                    | 20.39                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.44                 | 20.39                    | 20.43                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.42                 | 20.41                    | 20.44                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.38                    | 20.45                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.41                 | 20.47                    | 20.42                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.47                    | 20.47                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.39                    | 20.47                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.44                 | 20.46                    | 20.34                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.43                    | 20.44                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.16                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.12                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.04                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.10                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.01                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.07                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.04                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.03                    |                        | 21.5                |
| 100             | QPSK       | 1       | 271       |                       | 19.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.04                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 20.15                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.09                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.06                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.13                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 20.11                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.06                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.04                 | 20.04                    | 20.11                  | 21.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.02                    | 20.00                  | 21.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.01                  | 21.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.07                    | 20.05                  | 21.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.04                    | 20.15                  | 21.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.12                    | 20.00                  | 21.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.07                    | 20.10                  | 21.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.07                  | 21.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.03                 | 19.98                    | 20.09                  | 21.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.14                    | 19.99                  | 21.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.14                    | 20.15                  | 21.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.80                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.83                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.66                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.80                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.75                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.76                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.68                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.71                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.83                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.66                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.67                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.78                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.39                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.59                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.83                    | 21.81                  | 22.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.69                    | 21.71                  | 22.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.72                    | 21.73                  | 22.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.67                    | 21.71                  | 22.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.73                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.75                    | 21.66                  | 22.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.80                    | 21.83                  | 22.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.80                    | 21.67                  | 22.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.78                    | 21.75                  | 22.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.66                    | 21.73                  | 22.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.65                    | 21.67                  | 22.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.91                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.89                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.82                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.83                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.85                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.82                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.72                    |                        | 20.0                |
| 100             | QPSK       | 1       | 137       |                       | 19.87                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.79                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.85                    |                        | 20.0                |
| 100             | QPSK       | 135     | 69        |                       | 19.72                    |                        | 20.0                |
| 100             | QPSK       | 135     | 138       |                       | 19.83                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.72                    |                        | 20.0                |
| 100             | 64QAM      | 1       | 1         |                       | 19.86                    |                        | 20.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.73                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.87                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.83                    | 19.73                  | 20.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.81                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.90                 | 19.89                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.80                    | 19.88                  | 20.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.75                 | 19.77                    | 19.72                  | 20.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.87                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.85                    | 19.89                  | 20.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.87                 | 19.79                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.84                 | 19.83                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.89                 | 19.86                    | 19.77                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.48                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.45                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.46                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.35                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.43                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.40                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.43                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.37                    |                        | 21.3                |
| 100             | QPSK       | 1       | 137       |                       | 20.41                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.43                    |                        | 21.3                |
| 100             | QPSK       | 135     | 69        |                       | 20.44                    |                        | 21.3                |
| 100             | QPSK       | 135     | 138       |                       | 20.46                    |                        | 21.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.42                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.41                    |                        | 21.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.20                    |                        | 21.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.44                    |                        | 19.6                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.41                 | 20.45                    | 20.32                  | 21.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.44                    | 20.42                  | 21.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.42                 | 20.43                    | 20.39                  | 21.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.44                 | 20.39                    | 20.43                  | 21.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.42                 | 20.41                    | 20.44                  | 21.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.38                    | 20.45                  | 21.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.41                 | 20.47                    | 20.42                  | 21.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.47                    | 20.47                  | 21.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.43                 | 20.39                    | 20.47                  | 21.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.44                 | 20.46                    | 20.34                  | 21.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.40                 | 20.43                    | 20.44                  | 21.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.16                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.14                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.12                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.04                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.10                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.01                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.07                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.04                    |                        | 20.7                |
| 100             | QPSK       | 1       | 137       |                       | 20.03                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 19.97                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.04                    |                        | 20.7                |
| 100             | QPSK       | 135     | 69        |                       | 20.15                    |                        | 20.7                |
| 100             | QPSK       | 135     | 138       |                       | 20.09                    |                        | 20.7                |
| 100             | QPSK       | 270     | 0         |                       | 20.06                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.13                    |                        | 20.7                |
| 100             | 64QAM      | 1       | 1         |                       | 20.11                    |                        | 20.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.06                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.04                 | 20.04                    | 20.11                  | 20.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.03                 | 20.02                    | 20.00                  | 20.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.01                  | 20.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.07                    | 20.05                  | 20.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.04                    | 20.15                  | 20.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.12                    | 20.00                  | 20.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.07                 | 20.07                    | 20.10                  | 20.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.98                 | 19.99                    | 20.07                  | 20.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.03                 | 19.98                    | 20.09                  | 20.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.14                    | 19.99                  | 20.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.97                 | 20.14                    | 20.15                  | 20.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.80                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.83                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.66                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.80                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.76                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.68                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.82                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.71                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.83                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.66                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.67                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.78                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.39                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.59                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.83                    | 21.81                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.69                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.72                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.67                    | 21.71                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.73                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.66                 | 21.75                    | 21.66                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.79                 | 21.80                    | 21.83                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.82                 | 21.80                    | 21.67                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.72                 | 21.78                    | 21.75                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.66                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.65                    | 21.67                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 26.48                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 26.32                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 26.41                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.95                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.33                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.93                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.86                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 26.42                    |                        | 27.5                |
| 100             | QPSK       | 1       | 137       |                       | 26.30                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 26.42                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.31                    |                        | 26.5                |
| 100             | QPSK       | 135     | 69        |                       | 26.31                    |                        | 27.5                |
| 100             | QPSK       | 135     | 138       |                       | 25.54                    |                        | 26.5                |
| 100             | QPSK       | 270     | 0         |                       | 25.37                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 25.42                    |                        | 26.5                |
| 100             | 64QAM      | 1       | 1         |                       | 23.89                    |                        | 25.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.25                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.47                 | 26.47                    | 26.28                  | 27.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.33                 | 26.32                    | 26.37                  | 27.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.29                 | 26.42                    | 26.46                  | 27.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.37                 | 26.33                    | 26.35                  | 27.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.32                 | 26.29                    | 26.47                  | 27.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.29                 | 26.28                    | 26.45                  | 27.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.37                 | 26.40                    | 26.38                  | 27.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 26.34                 | 26.34                    | 26.34                  | 27.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.44                 | 26.30                    | 26.42                  | 27.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.37                 | 26.42                    | 26.35                  | 27.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.31                 | 26.43                    | 26.37                  | 27.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 15.92                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 15.89                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 15.80                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 15.87                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 15.89                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 15.72                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 15.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 15.75                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 15.76                    |                        | 17.0                |
| 100             | QPSK       | 1       | 271       |                       | 15.84                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 15.89                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 15.91                    |                        | 17.0                |
| 100             | QPSK       | 135     | 138       |                       | 15.87                    |                        | 17.0                |
| 100             | QPSK       | 270     | 0         |                       | 15.76                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 15.83                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 15.80                    |                        | 17.0                |
| 100             | 256QAM     | 1       | 1         |                       | 15.77                    |                        | 17.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 15.76                 | 15.75                    | 15.85                  | 17.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 15.80                 | 15.73                    | 15.74                  | 17.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 15.76                 | 15.84                    | 15.89                  | 17.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 15.90                 | 15.84                    | 15.79                  | 17.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 15.83                 | 15.87                    | 15.84                  | 17.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 15.86                 | 15.82                    | 15.88                  | 17.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 15.90                 | 15.76                    | 15.77                  | 17.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 15.90                 | 15.83                    | 15.78                  | 17.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 15.90                 | 15.83                    | 15.84                  | 17.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 15.76                 | 15.76                    | 15.90                  | 17.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 15.90                 | 15.81                    | 15.73                  | 17.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.61                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.36                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.60                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.67                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.36                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.71                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.69                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.55                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 25.34                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.60                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.16                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 25.34                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 24.22                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 24.23                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.34                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.81                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.13                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.41                    | 25.51                  | 26.2                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.60                    | 25.49                  | 26.2                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.56                 | 25.47                    | 25.53                  | 26.2                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.41                 | 25.41                    | 25.54                  | 26.2                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.49                 | 25.57                    | 25.55                  | 26.2                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.54                    | 25.54                  | 26.2                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.42                    | 25.41                  | 26.2                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.44                 | 25.56                    | 25.45                  | 26.2                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.60                 | 25.54                    | 25.58                  | 26.2                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.58                 | 25.60                    | 25.53                  | 26.2                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.55                 | 25.50                    | 25.43                  | 26.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.25                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.01                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.18                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.33                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.00                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.31                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.35                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.24                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 24.98                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.18                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.82                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 25.01                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 23.82                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.84                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.04                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.52                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.85                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.08                    | 25.16                  | 26.2                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.24                 | 25.20                    | 25.24                  | 26.2                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.22                 | 25.20                    | 25.05                  | 26.2                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.08                 | 25.20                    | 25.24                  | 26.2                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.11                    | 25.07                  | 26.2                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.24                 | 25.09                    | 25.08                  | 26.2                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.21                    | 25.22                  | 26.2                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.20                 | 25.09                    | 25.08                  | 26.2                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.21                 | 25.18                    | 25.13                  | 26.2                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.12                 | 25.08                    | 25.22                  | 26.2                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.20                 | 25.05                    | 25.07                  | 26.2                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.95                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.80                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.88                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.88                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.84                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.92                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.95                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.90                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.88                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.81                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.87                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.95                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.96                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.25                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.80                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.86                    | 22.95                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.81                 | 22.91                    | 22.97                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.95                    | 22.95                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.97                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.92                    | 22.79                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.97                    | 22.89                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.81                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.96                    | 22.89                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.94                    | 22.80                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.88                    | 22.83                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.39                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.15                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.21                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.16                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.38                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.17                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.20                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.12                    |                        | 22.3                |
| 100             | QPSK       | 1       | 137       |                       | 21.15                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.27                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.20                    |                        | 22.3                |
| 100             | QPSK       | 135     | 69        |                       | 21.22                    |                        | 22.3                |
| 100             | QPSK       | 135     | 138       |                       | 21.23                    |                        | 22.3                |
| 100             | QPSK       | 270     | 0         |                       | 21.26                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.33                    |                        | 22.3                |
| 100             | 64QAM      | 1       | 1         |                       | 21.03                    |                        | 22.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.20                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.26                 | 21.20                    | 21.26                  | 22.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.29                    | 21.15                  | 22.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.15                    | 21.21                  | 22.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.11                    | 21.15                  | 22.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.18                 | 21.15                    | 21.30                  | 22.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.33                 | 21.06                    | 21.25                  | 22.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.28                 | 21.14                    | 21.26                  | 22.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.21                 | 21.25                    | 21.26                  | 22.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.19                    | 21.13                  | 22.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.33                    | 21.32                  | 22.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.17                 | 21.17                    | 21.31                  | 22.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.30                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.28                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.15                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.21                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.19                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.11                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.22                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.18                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.15                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.20                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.27                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.81                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.16                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.29                    | 23.22                  | 23.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.13                    | 23.18                  | 23.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.14                    | 23.23                  | 23.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.16                    | 23.21                  | 23.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.13                    | 23.25                  | 23.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.26                    | 23.16                  | 23.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.22                    | 23.19                  | 23.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.18                    | 23.25                  | 23.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.11                 | 23.19                    | 23.14                  | 23.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.18                    | 23.12                  | 23.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.16                    | 23.22                  | 23.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.96                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.79                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.91                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.36                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.68                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.31                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.91                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 24.60                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.72                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.65                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.83                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.83                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.99                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.44                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.92                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.87                 | 24.88                    | 24.81                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.89                    | 24.95                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.86                    | 24.66                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.94                    | 24.95                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.86                    | 24.77                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.88                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.89                    | 24.86                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.74                    | 24.87                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.86                    | 24.76                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.72                    | 24.90                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.80                    | 24.84                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.95                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.80                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.88                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.88                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.84                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.82                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.92                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 22.95                    |                        | 23.8                |
| 100             | QPSK       | 1       | 271       |                       | 22.90                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.88                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 22.81                    |                        | 23.8                |
| 100             | QPSK       | 135     | 138       |                       | 22.87                    |                        | 23.8                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.95                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.96                    |                        | 23.8                |
| 100             | 256QAM     | 1       | 1         |                       | 22.25                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.80                    | 22.86                  | 23.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.86                    | 22.95                  | 23.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.81                 | 22.91                    | 22.97                  | 23.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.95                    | 22.95                  | 23.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.97                    | 22.86                  | 23.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.92                    | 22.79                  | 23.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.97                    | 22.89                  | 23.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.81                    | 22.82                  | 23.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.96                    | 22.89                  | 23.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.94                    | 22.80                  | 23.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.88                    | 22.83                  | 23.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.1                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.48                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.19                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.23                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.39                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.22                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.21                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.17                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.23                    |                        | 25.1                |
| 100             | QPSK       | 135     | 69        |                       | 23.24                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.28                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.28                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.37                    |                        | 25.1                |
| 100             | 64QAM      | 1       | 1         |                       | 22.92                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.28                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.29                    | 23.32                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.29                    | 23.16                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.18                    | 23.25                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.29                 | 23.19                    | 23.25                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.21                    | 23.33                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.37                 | 23.16                    | 23.32                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.24                    | 23.28                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.29                    | 23.30                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.29                    | 23.19                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.37                    | 23.33                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.27                    | 23.37                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.30                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.28                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.15                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.21                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.19                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.11                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.22                    |                        | 24.5                |
| 100             | QPSK       | 1       | 137       |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.18                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 23.15                    |                        | 24.5                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 23.20                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.27                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.81                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.16                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.29                    | 23.22                  | 24.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.13                    | 23.18                  | 24.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.14                    | 23.23                  | 24.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.16                    | 23.21                  | 24.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.13                    | 23.25                  | 24.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.26                    | 23.16                  | 24.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.22                    | 23.19                  | 24.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.18                    | 23.25                  | 24.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.11                 | 23.19                    | 23.14                  | 24.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.18                    | 23.12                  | 24.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.16                    | 23.22                  | 24.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.96                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.79                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.91                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.36                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.68                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.31                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.91                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 24.60                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.72                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.65                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 23.83                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.83                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.99                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.44                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.92                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.87                 | 24.88                    | 24.81                  | 25.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.89                    | 24.95                  | 25.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.86                    | 24.66                  | 25.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.94                    | 24.95                  | 25.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.86                    | 24.77                  | 25.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.88                  | 25.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.89                    | 24.86                  | 25.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.74                    | 24.87                  | 25.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.86                    | 24.76                  | 25.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.72                    | 24.90                  | 25.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.80                    | 24.84                  | 25.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 23.0                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.95                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.80                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.88                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.84                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.82                    |                        | 23.0                |
| 100             | QPSK       | 1       | 1         |                       | 22.92                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 22.95                    |                        | 23.0                |
| 100             | QPSK       | 1       | 271       |                       | 22.90                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.88                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.81                    |                        |                     |
| 100             | QPSK       | 135     | 138       |                       | 22.87                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.95                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.96                    |                        |                     |
| 100             | 256QAM     | 1       | 1         |                       | 22.25                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.80                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.86                    | 22.95                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.81                 | 22.91                    | 22.97                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.95                    | 22.95                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.86                 | 22.97                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.92                    | 22.79                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.85                 | 22.97                    | 22.89                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.81                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.96                    | 22.89                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.94                    | 22.80                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.88                    | 22.83                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.48                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.19                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.23                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.39                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.22                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.29                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.21                    |                        | 24.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.17                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.23                    |                        | 24.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.24                    |                        | 24.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.28                    |                        | 24.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.28                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.37                    |                        | 24.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.92                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.28                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.29                    | 23.32                  | 24.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.29                    | 23.16                  | 24.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.18                    | 23.25                  | 24.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.29                 | 23.19                    | 23.25                  | 24.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.21                    | 23.33                  | 24.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.37                 | 23.16                    | 23.32                  | 24.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.24                    | 23.28                  | 24.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.29                    | 23.30                  | 24.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.29                    | 23.19                  | 24.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.37                    | 23.33                  | 24.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.27                    | 23.37                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.30                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.22                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.28                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.15                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.21                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.19                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.11                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.22                    |                        | 23.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.18                    |                        | 23.7                |
| 100             | QPSK       | 135     | 69        |                       | 23.15                    |                        | 23.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 23.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.20                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.27                    |                        | 23.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.81                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.16                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.29                    | 23.22                  | 23.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.13                    | 23.18                  | 23.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.14                    | 23.23                  | 23.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.16                    | 23.21                  | 23.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.18                 | 23.13                    | 23.25                  | 23.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.26                    | 23.16                  | 23.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.22                    | 23.19                  | 23.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.18                    | 23.25                  | 23.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.11                 | 23.19                    | 23.14                  | 23.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.18                    | 23.12                  | 23.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.16                    | 23.22                  | 23.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.96                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.79                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.91                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.36                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.68                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.31                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.91                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 24.60                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.72                    |                        | 25.1                |
| 100             | QPSK       | 135     | 69        |                       | 24.65                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.83                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.83                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.99                    |                        | 25.1                |
| 100             | 64QAM      | 1       | 1         |                       | 22.44                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.92                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.87                 | 24.88                    | 24.81                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.89                    | 24.95                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.89                 | 24.86                    | 24.66                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.94                    | 24.95                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.86                    | 24.77                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.88                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.89                    | 24.86                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.74                    | 24.87                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.86                    | 24.76                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.75                 | 24.72                    | 24.90                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.80                    | 24.84                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.30                    |                        | 25.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.98                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.96                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.62                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.99                    |                        | 25.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.55                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.29                    |                        | 25.5                |
| 100             | QPSK       | 1       | 137       |                       | 23.92                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.22                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.06                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 23.90                    |                        | 25.5                |
| 100             | QPSK       | 135     | 138       |                       | 23.02                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 22.96                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.19                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.75                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.94                    |                        | 21.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.19                    | 24.22                  | 25.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.24                    | 24.14                  | 25.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.25                    | 24.27                  | 25.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.19                 | 24.25                    | 24.29                  | 25.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.24                    | 24.25                  | 25.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.18                    | 24.20                  | 25.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.26                    | 24.26                  | 25.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.25                    | 24.20                  | 25.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.14                    | 24.18                  | 25.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.20                 | 24.28                    | 24.13                  | 25.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.16                 | 24.21                    | 24.29                  | 25.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 13.53                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.46                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.52                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.43                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 13.49                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.47                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 13.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 13.35                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 13.44                    |                        | 14.0                |
| 100             | QPSK       | 1       | 271       |                       | 13.50                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.43                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 13.38                    |                        | 14.0                |
| 100             | QPSK       | 135     | 138       |                       | 13.49                    |                        | 14.0                |
| 100             | QPSK       | 270     | 0         |                       | 13.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.47                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 13.39                    |                        | 14.0                |
| 100             | 256QAM     | 1       | 1         |                       | 13.40                    |                        | 14.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.48                 | 13.46                    | 13.46                  | 14.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.39                 | 13.35                    | 13.51                  | 14.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.36                 | 13.50                    | 13.50                  | 14.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.44                 | 13.49                    | 13.52                  | 14.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.49                 | 13.37                    | 13.43                  | 14.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.41                 | 13.44                    | 13.36                  | 14.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.34                 | 13.42                    | 13.42                  | 14.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.43                 | 13.39                    | 13.40                  | 14.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.48                 | 13.42                    | 13.43                  | 14.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.35                 | 13.52                    | 13.36                  | 14.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.49                 | 13.48                    | 13.36                  | 14.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.22                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.00                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.16                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.50                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.95                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.54                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.52                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.19                    |                        | 25.0                |
| 100             | QPSK       | 1       | 137       |                       | 23.99                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.12                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.95                    |                        | 24.0                |
| 100             | QPSK       | 135     | 69        |                       | 23.95                    |                        | 25.0                |
| 100             | QPSK       | 135     | 138       |                       | 23.07                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 23.01                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.11                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.65                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.85                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.06                    | 24.18                  | 25.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.03                 | 24.10                    | 24.02                  | 25.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.09                 | 24.10                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.10                    | 24.06                  | 25.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.12                 | 24.05                    | 24.07                  | 25.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.20                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.13                 | 24.09                    | 24.04                  | 25.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.08                    | 24.02                  | 25.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.08                 | 24.16                    | 24.15                  | 25.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.15                 | 24.09                    | 24.03                  | 25.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.21                 | 24.17                    | 24.16                  | 25.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.44                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.26                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.42                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.15                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.22                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.24                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.14                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.27                    |                        | 23.6                |
| 100             | QPSK       | 1       | 137       |                       | 22.12                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.38                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.09                    |                        | 23.6                |
| 100             | QPSK       | 135     | 69        |                       | 22.16                    |                        | 23.6                |
| 100             | QPSK       | 135     | 138       |                       | 22.25                    |                        | 23.6                |
| 100             | QPSK       | 270     | 0         |                       | 22.16                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.27                    |                        | 23.6                |
| 100             | 64QAM      | 1       | 1         |                       | 21.23                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.38                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.39                    | 22.37                  | 23.6                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.40                    | 22.35                  | 23.6                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.40                 | 22.31                    | 22.25                  | 23.6                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.41                 | 22.31                    | 22.30                  | 23.6                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.40                    | 22.29                  | 23.6                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.26                 | 22.41                    | 22.27                  | 23.6                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.28                 | 22.28                    | 22.40                  | 23.6                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.42                    | 22.36                  | 23.6                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.27                 | 22.40                    | 22.31                  | 23.6                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.33                 | 22.34                    | 22.41                  | 23.6                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.38                 | 22.40                    | 22.39                  | 23.6                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.79                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.62                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.78                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.65                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.71                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.76                    |                        | 20.0                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.61                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.65                    |                        | 20.0                |
| 100             | QPSK       | 135     | 138       |                       | 19.68                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.63                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 19.61                    |                        | 20.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.71                    |                        | 20.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.66                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.68                    | 19.61                  | 20.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.60                    | 19.67                  | 20.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.73                    | 19.67                  | 20.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.62                    | 19.60                  | 20.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.76                    | 19.66                  | 20.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.68                    | 19.69                  | 20.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.73                    | 19.59                  | 20.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.70                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.67                 | 19.65                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.69                    | 19.73                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.35                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.28                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.14                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.20                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.31                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.27                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.31                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.24                    |                        | 19.3                |
| 100             | QPSK       | 1       | 137       |                       | 18.15                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.15                    |                        | 19.3                |
| 100             | QPSK       | 135     | 69        |                       | 18.01                    |                        | 19.3                |
| 100             | QPSK       | 135     | 138       |                       | 18.20                    |                        | 19.3                |
| 100             | QPSK       | 270     | 0         |                       | 18.09                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.21                    |                        | 19.3                |
| 100             | 64QAM      | 1       | 1         |                       | 18.22                    |                        | 19.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.28                    |                        | 19.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.14                 | 18.25                    | 18.21                  | 19.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.15                 | 18.21                    | 18.24                  | 19.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.14                 | 18.14                    | 18.20                  | 19.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.09                 | 18.11                    | 18.21                  | 19.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.18                 | 18.22                    | 18.17                  | 19.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.11                 | 18.25                    | 18.27                  | 19.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.27                 | 18.27                    | 18.24                  | 19.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.18                 | 18.19                    | 18.22                  | 19.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.19                 | 18.19                    | 18.23                  | 19.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.18                 | 18.28                    | 18.22                  | 19.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.11                 | 18.30                    | 18.18                  | 19.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.28                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.08                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.16                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.20                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.15                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.08                    |                        | 20.3                |
| 100             | QPSK       | 1       | 137       |                       | 20.13                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.27                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.21                    |                        | 20.3                |
| 100             | QPSK       | 135     | 69        |                       | 20.23                    |                        | 20.3                |
| 100             | QPSK       | 135     | 138       |                       | 20.21                    |                        | 20.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.25                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.24                    |                        | 20.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.12                    |                        | 20.3                |
| 100             | 256QAM     | 1       | 1         |                       | 19.98                    |                        | 20.3                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.12                    | 20.26                  | 20.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.23                    | 20.13                  | 20.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.22                    | 20.14                  | 20.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.27                    | 20.22                  | 20.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.20                    | 20.10                  | 20.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.17                 | 20.17                    | 20.17                  | 20.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.25                    | 20.20                  | 20.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.13                    | 20.23                  | 20.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.10                    | 20.27                  | 20.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.13                    | 20.26                  | 20.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.19                    | 20.20                  | 20.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.67                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.56                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.73                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.59                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.57                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.57                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.55                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.72                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.74                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.61                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.29                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.51                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.55                 | 21.57                    | 21.61                  | 22.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.59                 | 21.67                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.57                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.60                    | 21.63                  | 22.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.68                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.74                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.55                    | 21.67                  | 22.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.69                    | 21.68                  | 22.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.61                    | 21.59                  | 22.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.59                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.73                    | 21.66                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.79                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.62                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.78                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.65                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.71                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.76                    |                        | 20.8                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.61                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.65                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.68                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.63                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 19.61                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.71                    |                        | 20.8                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.66                    | 19.78                  | 20.8                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.68                    | 19.61                  | 20.8                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.60                    | 19.67                  | 20.8                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.73                    | 19.67                  | 20.8                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.62                    | 19.60                  | 20.8                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.76                    | 19.66                  | 20.8                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.68                    | 19.69                  | 20.8                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.73                    | 19.59                  | 20.8                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.70                    | 19.74                  | 20.8                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.67                 | 19.65                    | 19.77                  | 20.8                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.69                    | 19.73                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.36                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.31                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.25                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.31                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.28                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.32                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.24                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 20.20                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.34                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.20                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 20.11                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 20.25                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 20.18                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.25                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 20.25                    |                        | 22.0                |
| 100             | 256QAM     | 1       | 1         |                       | 18.64                    |                        | 20.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.30                    | 20.26                  | 22.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.22                    | 20.24                  | 22.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.20                 | 20.21                    | 20.25                  | 22.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.21                    | 20.25                  | 22.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.27                    | 20.21                  | 22.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.20                 | 20.31                    | 20.28                  | 22.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.35                    | 20.31                  | 22.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.25                    | 20.26                  | 22.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.21                    | 20.25                  | 22.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.30                    | 20.28                  | 22.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.33                    | 20.27                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.28                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.08                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.16                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.20                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.15                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.08                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.13                    |                        | 21.5                |
| 100             | QPSK       | 1       | 271       |                       | 20.27                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.21                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 20.23                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.21                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.25                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.24                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 20.12                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.98                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.12                    | 20.26                  | 21.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.23                    | 20.13                  | 21.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.22                    | 20.14                  | 21.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.27                    | 20.22                  | 21.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.20                    | 20.10                  | 21.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.17                 | 20.17                    | 20.17                  | 21.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.25                    | 20.20                  | 21.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.13                    | 20.23                  | 21.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.10                    | 20.27                  | 21.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.13                    | 20.26                  | 21.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.19                    | 20.20                  | 21.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.75                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.67                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.56                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.73                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.59                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.57                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.57                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.55                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.72                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.70                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.74                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.61                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.29                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.51                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.55                 | 21.57                    | 21.61                  | 22.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.59                 | 21.67                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.57                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.60                    | 21.63                  | 22.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.68                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.74                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.55                    | 21.67                  | 22.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.69                    | 21.68                  | 22.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.61                    | 21.59                  | 22.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.59                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.73                    | 21.66                  | 22.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.79                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.61                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.62                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.78                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.65                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.71                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.76                    |                        | 20.0                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.61                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.65                    |                        | 20.0                |
| 100             | QPSK       | 135     | 138       |                       | 19.68                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.66                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.63                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 19.61                    |                        | 20.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.71                    |                        | 20.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.66                    | 19.78                  | 20.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.70                 | 19.68                    | 19.61                  | 20.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.60                    | 19.67                  | 20.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.78                 | 19.73                    | 19.67                  | 20.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.66                 | 19.62                    | 19.60                  | 20.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.77                 | 19.76                    | 19.66                  | 20.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.68                    | 19.69                  | 20.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.65                 | 19.73                    | 19.59                  | 20.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.71                 | 19.70                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.67                 | 19.65                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.68                 | 19.69                    | 19.73                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.36                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.31                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.25                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.31                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.28                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.32                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.24                    |                        | 21.3                |
| 100             | QPSK       | 1       | 137       |                       | 20.20                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.34                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.20                    |                        | 21.3                |
| 100             | QPSK       | 135     | 69        |                       | 20.11                    |                        | 21.3                |
| 100             | QPSK       | 135     | 138       |                       | 20.25                    |                        | 21.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.18                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.25                    |                        | 21.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.25                    |                        | 21.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.64                    |                        | 20.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.30                    | 20.26                  | 21.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.22                    | 20.24                  | 21.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.20                 | 20.21                    | 20.25                  | 21.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.21                    | 20.25                  | 21.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.26                 | 20.27                    | 20.21                  | 21.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.20                 | 20.31                    | 20.28                  | 21.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.27                 | 20.35                    | 20.31                  | 21.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.28                 | 20.25                    | 20.26                  | 21.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.21                    | 20.25                  | 21.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.19                 | 20.30                    | 20.28                  | 21.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.33                    | 20.27                  | 21.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.28                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.08                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.16                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.20                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.15                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.08                    |                        | 20.7                |
| 100             | QPSK       | 1       | 137       |                       | 20.13                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.27                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.21                    |                        | 20.7                |
| 100             | QPSK       | 135     | 69        |                       | 20.23                    |                        | 20.7                |
| 100             | QPSK       | 135     | 138       |                       | 20.21                    |                        | 20.7                |
| 100             | QPSK       | 270     | 0         |                       | 20.25                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.24                    |                        | 20.7                |
| 100             | 64QAM      | 1       | 1         |                       | 20.12                    |                        | 20.7                |
| 100             | 256QAM     | 1       | 1         |                       | 19.98                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.12                    | 20.26                  | 20.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.24                 | 20.23                    | 20.13                  | 20.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.22                    | 20.14                  | 20.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.21                 | 20.27                    | 20.22                  | 20.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.20                    | 20.10                  | 20.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.17                 | 20.17                    | 20.17                  | 20.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.13                 | 20.25                    | 20.20                  | 20.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.25                 | 20.13                    | 20.23                  | 20.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.10                    | 20.27                  | 20.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.18                 | 20.13                    | 20.26                  | 20.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.19                    | 20.20                  | 20.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.67                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.56                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.73                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.59                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.73                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.57                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.57                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.55                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.72                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.74                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.61                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.29                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.51                    |                        | 20.5                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.55                 | 21.57                    | 21.61                  | 22.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.59                 | 21.67                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.57                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.60                 | 21.60                    | 21.63                  | 22.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.68                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.64                 | 21.74                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.55                    | 21.67                  | 22.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.69                    | 21.68                  | 22.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.61                    | 21.59                  | 22.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.59                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.57                 | 21.73                    | 21.66                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 26.42                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 26.12                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 26.38                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.74                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.14                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 25.72                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.65                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 26.41                    |                        | 27.5                |
| 100             | QPSK       | 1       | 137       |                       | 26.08                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 26.40                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.25                    |                        | 26.5                |
| 100             | QPSK       | 135     | 69        |                       | 26.11                    |                        | 27.5                |
| 100             | QPSK       | 135     | 138       |                       | 25.24                    |                        | 26.5                |
| 100             | QPSK       | 270     | 0         |                       | 25.16                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 25.42                    |                        | 26.5                |
| 100             | 64QAM      | 1       | 1         |                       | 23.89                    |                        | 25.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.21                    |                        | 23.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.22                 | 26.40                    | 26.30                  | 27.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.30                 | 26.37                    | 26.40                  | 27.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.41                 | 26.40                    | 26.38                  | 27.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.36                 | 26.33                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.26                 | 26.35                    | 26.25                  | 27.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.33                 | 26.22                    | 26.36                  | 27.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.36                 | 26.27                    | 26.38                  | 27.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 26.35                 | 26.23                    | 26.38                  | 27.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.38                 | 26.22                    | 26.37                  | 27.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.23                 | 26.23                    | 26.33                  | 27.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.22                 | 26.41                    | 26.27                  | 27.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.49                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.41                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.29                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.29                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.35                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 16.34                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 16.33                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.30                    |                        | 17.0                |
| 100             | QPSK       | 1       | 137       |                       | 16.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.41                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.35                    |                        | 17.0                |
| 100             | QPSK       | 135     | 69        |                       | 16.38                    |                        | 17.0                |
| 100             | QPSK       | 135     | 138       |                       | 16.41                    |                        | 17.0                |
| 100             | QPSK       | 270     | 0         |                       | 16.35                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.32                    |                        | 17.0                |
| 100             | 64QAM      | 1       | 1         |                       | 16.44                    |                        | 17.0                |
| 100             | 256QAM     | 1       | 1         |                       | 16.36                    |                        | 17.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 16.46                 | 16.34                    | 16.38                  | 17.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 16.41                 | 16.40                    | 16.43                  | 17.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 16.45                 | 16.32                    | 16.43                  | 17.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 16.39                 | 16.38                    | 16.37                  | 17.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 16.44                 | 16.30                    | 16.43                  | 17.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.35                 | 16.36                    | 16.32                  | 17.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.39                 | 16.39                    | 16.48                  | 17.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.46                 | 16.45                    | 16.37                  | 17.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.32                 | 16.42                    | 16.33                  | 17.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.31                 | 16.29                    | 16.37                  | 17.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.35                 | 16.31                    | 16.38                  | 17.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.57                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.34                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.52                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.64                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.37                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.72                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.67                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.48                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 25.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.50                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.16                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 25.39                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 24.21                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 24.19                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.25                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.81                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.00                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.56                 | 25.50                    | 25.47                  | 26.2                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.38                    | 25.55                  | 26.2                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.54                    | 25.43                  | 26.2                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.56                 | 25.46                    | 25.37                  | 26.2                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.55                 | 25.49                    | 25.48                  | 26.2                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.52                 | 25.48                    | 25.49                  | 26.2                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.43                    | 25.46                  | 26.2                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.48                 | 25.44                    | 25.48                  | 26.2                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.48                 | 25.46                    | 25.39                  | 26.2                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.50                 | 25.39                    | 25.54                  | 26.2                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.50                 | 25.39                    | 25.52                  | 26.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.20                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.00                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.05                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.15                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.90                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.27                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.99                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 24.85                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.61                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.85                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 23.76                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.75                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.79                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.34                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.54                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.14                 | 25.00                    | 25.12                  | 26.2                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.12                 | 25.18                    | 25.09                  | 26.2                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.13                 | 25.14                    | 25.07                  | 26.2                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.16                 | 25.07                    | 25.09                  | 26.2                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.04                 | 25.10                    | 25.05                  | 26.2                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.02                 | 25.12                    | 25.09                  | 26.2                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.07                 | 25.11                    | 25.06                  | 26.2                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.05                 | 25.16                    | 25.05                  | 26.2                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.19                 | 25.13                    | 25.04                  | 26.2                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.06                 | 25.16                    | 25.15                  | 26.2                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.14                 | 25.05                    | 25.15                  | 26.2                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.85                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.64                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.63                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.68                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.75                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.70                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.84                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.57                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.57                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.59                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.71                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.69                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.26                    |                        | 23.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.72                    | 22.70                  | 23.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.70                    | 22.66                  | 23.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.84                    | 22.81                  | 23.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.67                 | 22.82                    | 22.69                  | 23.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.84                    | 22.84                  | 23.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.76                    | 22.79                  | 23.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.80                    | 22.74                  | 23.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.65                    | 22.78                  | 23.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.66                    | 22.66                  | 23.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.71                    | 22.80                  | 23.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.71                 | 22.67                    | 22.84                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.46                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.27                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.37                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.05                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.22                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.08                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.13                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.24                    |                        | 22.3                |
| 100             | QPSK       | 1       | 137       |                       | 21.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.29                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.21                    |                        | 22.3                |
| 100             | QPSK       | 135     | 69        |                       | 21.21                    |                        | 22.3                |
| 100             | QPSK       | 135     | 138       |                       | 21.19                    |                        | 22.3                |
| 100             | QPSK       | 270     | 0         |                       | 21.15                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.27                    |                        | 22.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.73                    |                        | 22.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.12                    |                        | 22.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.27                 | 21.14                    | 21.15                  | 22.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.14                 | 21.15                    | 21.17                  | 22.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.04                 | 21.13                    | 21.03                  | 22.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.13                 | 21.17                    | 21.17                  | 22.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.10                 | 21.15                    | 21.03                  | 22.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.18                 | 21.18                    | 21.10                  | 22.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.12                 | 21.17                    | 21.12                  | 22.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.17                    | 21.09                  | 22.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.11                 | 21.06                    | 21.13                  | 22.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.16                    | 21.08                  | 22.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.09                 | 21.14                    | 21.11                  | 22.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.23                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.24                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.21                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.27                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.27                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.22                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.20                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.25                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.26                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.23                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.88                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.22                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.09                    | 23.25                  | 23.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.10                  | 23.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.19                 | 23.24                    | 23.26                  | 23.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.16                    | 23.25                  | 23.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.12                    | 23.20                  | 23.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.16                    | 23.09                  | 23.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.13                    | 23.12                  | 23.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.24                    | 23.22                  | 23.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.24                  | 23.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.11                    | 23.16                  | 23.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.11                    | 23.22                  | 23.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.98                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.60                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.18                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.60                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.37                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.32                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.70                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 24.65                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 24.78                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.51                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.55                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.77                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.84                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.69                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.39                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.56                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.83                 | 24.74                    | 24.82                  | 25.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.82                 | 24.88                    | 24.88                  | 25.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.80                    | 24.67                  | 25.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.87                    | 24.83                  | 25.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.72                    | 24.84                  | 25.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.73                    | 24.77                  | 25.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.82                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.84                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.81                    | 24.81                  | 25.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.92                    | 24.79                  | 25.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.84                 | 24.73                    | 24.80                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.85                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.64                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.63                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.68                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.75                    |                        | 23.8                |
| 100             | QPSK       | 1       | 137       |                       | 22.70                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.84                    |                        | 23.8                |
| 100             | QPSK       | 135     | 69        |                       | 22.57                    |                        | 23.8                |
| 100             | QPSK       | 135     | 138       |                       | 22.57                    |                        | 23.8                |
| 100             | QPSK       | 270     | 0         |                       | 22.59                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.71                    |                        | 23.8                |
| 100             | 64QAM      | 1       | 1         |                       | 22.69                    |                        | 23.8                |
| 100             | 256QAM     | 1       | 1         |                       | 22.26                    |                        | 23.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.72                    | 22.70                  | 23.8                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.70                    | 22.66                  | 23.8                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.84                    | 22.81                  | 23.8                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.67                 | 22.82                    | 22.69                  | 23.8                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.84                    | 22.84                  | 23.8                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.76                    | 22.79                  | 23.8                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.80                    | 22.74                  | 23.8                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.65                    | 22.78                  | 23.8                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.66                    | 22.66                  | 23.8                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.71                    | 22.80                  | 23.8                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.71                 | 22.67                    | 22.84                  | 23.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.46                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.29                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.37                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.12                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.19                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.12                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.32                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 23.28                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 23.36                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.21                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 23.26                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.26                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.18                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.33                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.62                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.16                    |                        | 22.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.19                    | 23.18                  | 25.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.16                    | 23.24                  | 25.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.14                    | 23.11                  | 25.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.26                    | 23.20                  | 25.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.18                    | 23.11                  | 25.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.19                    | 23.16                  | 25.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.19                  | 25.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.23                    | 23.15                  | 25.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.12                    | 23.16                  | 25.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.21                    | 23.12                  | 25.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.23                    | 23.16                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.23                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.24                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.21                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.27                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.27                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.22                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.20                    |                        | 24.5                |
| 100             | QPSK       | 1       | 137       |                       | 23.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.25                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 24.5                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 23.26                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.23                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.88                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.22                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.09                    | 23.25                  | 24.5                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.10                  | 24.5                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.19                 | 23.24                    | 23.26                  | 24.5                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.16                    | 23.25                  | 24.5                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.12                    | 23.20                  | 24.5                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.16                    | 23.09                  | 24.5                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.13                    | 23.12                  | 24.5                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.24                    | 23.22                  | 24.5                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.24                  | 24.5                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.11                    | 23.16                  | 24.5                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.11                    | 23.22                  | 24.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.98                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.60                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.18                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.60                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.37                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.32                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.70                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 24.65                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.78                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.51                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.55                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 23.77                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.84                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.69                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.39                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.56                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.83                 | 24.74                    | 24.82                  | 25.9                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.82                 | 24.88                    | 24.88                  | 25.9                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.80                    | 24.67                  | 25.9                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.87                    | 24.83                  | 25.9                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.72                    | 24.84                  | 25.9                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.73                    | 24.77                  | 25.9                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.82                    | 24.78                  | 25.9                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.84                    | 24.78                  | 25.9                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.81                    | 24.81                  | 25.9                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.92                    | 24.79                  | 25.9                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.84                 | 24.73                    | 24.80                  | 25.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.85                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.64                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.63                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.76                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.68                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.58                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.75                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 22.70                    |                        | 23.0                |
| 100             | QPSK       | 1       | 271       |                       | 22.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.84                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 22.57                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.57                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.59                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.71                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.69                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.26                    |                        | 23.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.72                    | 22.70                  | 23.0                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.66                 | 22.70                    | 22.66                  | 23.0                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.78                 | 22.84                    | 22.81                  | 23.0                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.67                 | 22.82                    | 22.69                  | 23.0                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.72                 | 22.84                    | 22.84                  | 23.0                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.76                    | 22.79                  | 23.0                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.65                 | 22.80                    | 22.74                  | 23.0                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.65                    | 22.78                  | 23.0                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.80                 | 22.66                    | 22.66                  | 23.0                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.83                 | 22.71                    | 22.80                  | 23.0                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.71                 | 22.67                    | 22.84                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.46                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.29                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.37                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.12                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.19                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.12                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.32                    |                        | 24.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.28                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.36                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.21                    |                        | 24.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.26                    |                        | 24.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.26                    |                        | 24.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.18                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.33                    |                        | 24.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.62                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.16                    |                        | 22.0                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.19                    | 23.18                  | 24.3                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.16                    | 23.24                  | 24.3                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.14                    | 23.11                  | 24.3                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.26                    | 23.20                  | 24.3                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.18                    | 23.11                  | 24.3                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.19                    | 23.16                  | 24.3                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.19                  | 24.3                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.17                 | 23.23                    | 23.15                  | 24.3                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.12                    | 23.16                  | 24.3                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.21                    | 23.12                  | 24.3                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.23                    | 23.16                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.23                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.24                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.21                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.27                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.27                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.22                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.20                    |                        | 23.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.24                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.20                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.25                    |                        | 23.7                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 23.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.21                    |                        | 23.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.26                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.23                    |                        | 23.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.88                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.22                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.09                    | 23.25                  | 23.7                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.22                 | 23.24                    | 23.10                  | 23.7                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.19                 | 23.24                    | 23.26                  | 23.7                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.14                 | 23.16                    | 23.25                  | 23.7                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.12                 | 23.12                    | 23.20                  | 23.7                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.16                 | 23.16                    | 23.09                  | 23.7                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.13                    | 23.12                  | 23.7                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.15                 | 23.24                    | 23.22                  | 23.7                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.24                  | 23.7                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.11                    | 23.16                  | 23.7                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.11                    | 23.22                  | 23.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 650000                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3750                     |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.98                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.60                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.81                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.18                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.60                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.37                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.32                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.70                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 24.65                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 24.78                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.51                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.55                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.77                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.84                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.69                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.39                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.56                    |                        | 21.7                |
| Channel         |            |         |           | 649668                | 650000                   | 650332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3745.02               | 3750                     | 3754.98                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.83                 | 24.74                    | 24.82                  | 25.1                |
| Channel         |            |         |           | 649334                | 650000                   | 650666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3740.01               | 3750                     | 3759.99                |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.82                 | 24.88                    | 24.88                  | 25.1                |
| Channel         |            |         |           | 649000                | 650000                   | 651000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3735                  | 3750                     | 3765                   |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.80                    | 24.67                  | 25.1                |
| Channel         |            |         |           | 648668                | 650000                   | 651332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3730.02               | 3750                     | 3769.98                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.90                 | 24.87                    | 24.83                  | 25.1                |
| Channel         |            |         |           | 648334                | 650000                   | 651666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3725.01               | 3750                     | 3774.99                |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.72                    | 24.84                  | 25.1                |
| Channel         |            |         |           | 648000                | 650000                   | 652000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3720                  | 3750                     | 3780                   |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.73                    | 24.77                  | 25.1                |
| Channel         |            |         |           | 647668                | 650000                   | 652332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3715.02               | 3750.00                  | 3784.98                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.72                 | 24.82                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 647500                | 650000                   | 652500                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3712.5                | 3750.00                  | 3787.50                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.78                 | 24.84                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 647334                | 650000                   | 652666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3710.01               | 3750                     | 3789.99                |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.81                    | 24.81                  | 25.1                |
| Channel         |            |         |           | 647168                | 650000                   | 652832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3707.52               | 3750                     | 3792.48                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.69                 | 24.92                    | 24.79                  | 25.1                |
| Channel         |            |         |           | 647000                | 650000                   | 653000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3705                  | 3750                     | 3795                   |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.84                 | 24.73                    | 24.80                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.5                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.41                    |                        | 25.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.27                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.38                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.65                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.15                    |                        | 25.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.00                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.81                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.32                    |                        | 25.5                |
| 100             | QPSK       | 1       | 137       |                       | 24.20                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.37                    |                        | 24.5                |
| 100             | QPSK       | 135     | 0         |                       | 23.18                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.15                    |                        | 25.5                |
| 100             | QPSK       | 135     | 138       |                       | 23.37                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 23.22                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.25                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 21.77                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.95                    |                        | 21.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.26                 | 24.25                    | 24.26                  | 25.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.26                    | 24.37                  | 25.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.28                 | 24.27                    | 24.34                  | 25.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.33                 | 24.36                    | 24.41                  | 25.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.23                    | 24.39                  | 25.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.41                    | 24.34                  | 25.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.38                 | 24.26                    | 24.40                  | 25.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.23                 | 24.26                    | 24.23                  | 25.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.22                    | 24.41                  | 25.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.36                    | 24.21                  | 25.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.35                 | 24.21                    | 24.36                  | 25.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 13.77                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 13.76                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 13.60                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 13.59                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 13.75                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 13.73                    |                        | 14.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 13.68                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 13.68                    |                        | 14.0                |
| 100             | QPSK       | 1       | 137       |                       | 13.61                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 13.71                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 13.70                    |                        | 14.0                |
| 100             | QPSK       | 135     | 69        |                       | 13.57                    |                        | 14.0                |
| 100             | QPSK       | 135     | 138       |                       | 13.75                    |                        | 14.0                |
| 100             | QPSK       | 270     | 0         |                       | 13.76                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 13.73                    |                        | 14.0                |
| 100             | 64QAM      | 1       | 1         |                       | 13.67                    |                        | 14.0                |
| 100             | 256QAM     | 1       | 1         |                       | 13.61                    |                        | 14.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 13.63                 | 13.62                    | 13.70                  | 14.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 13.60                 | 13.75                    | 13.76                  | 14.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 13.63                 | 13.75                    | 13.73                  | 14.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 13.73                 | 13.64                    | 13.68                  | 14.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 13.60                 | 13.70                    | 13.67                  | 14.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 13.66                 | 13.71                    | 13.64                  | 14.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 13.71                 | 13.75                    | 13.75                  | 14.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 13.71                 | 13.62                    | 13.63                  | 14.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 13.64                 | 13.62                    | 13.74                  | 14.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 13.58                 | 13.63                    | 13.75                  | 14.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 13.63                 | 13.62                    | 13.73                  | 14.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.0                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.39                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.11                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.38                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.62                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.13                    |                        | 25.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.67                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.67                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.29                    |                        | 25.0                |
| 100             | QPSK       | 1       | 137       |                       | 24.10                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.34                    |                        | 24.0                |
| 100             | QPSK       | 135     | 0         |                       | 23.10                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.12                    |                        | 25.0                |
| 100             | QPSK       | 135     | 138       |                       | 23.15                    |                        | 24.0                |
| 100             | QPSK       | 270     | 0         |                       | 23.16                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.28                    |                        | 24.0                |
| 100             | 64QAM      | 1       | 1         |                       | 21.75                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 20.08                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.29                 | 24.26                    | 24.30                  | 25.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.37                 | 24.25                    | 24.37                  | 25.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.32                    | 24.33                  | 25.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.25                 | 24.25                    | 24.21                  | 25.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.29                    | 24.20                  | 25.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.31                    | 24.32                  | 25.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.27                 | 24.19                    | 24.24                  | 25.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.28                 | 24.38                    | 24.38                  | 25.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.30                 | 24.29                    | 24.23                  | 25.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.32                 | 24.34                    | 24.38                  | 25.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.34                 | 24.31                    | 24.32                  | 25.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.29                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.88                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.14                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.99                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.90                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.20                    |                        | 23.6                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.16                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.20                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 22.03                    |                        | 23.6                |
| 100             | QPSK       | 1       | 271       |                       | 22.27                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.09                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 22.10                    |                        | 23.6                |
| 100             | QPSK       | 135     | 138       |                       | 22.11                    |                        | 23.6                |
| 100             | QPSK       | 270     | 0         |                       | 22.12                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.25                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 21.17                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.38                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.20                 | 22.22                    | 22.17                  | 23.6                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.11                 | 22.11                    | 22.14                  | 23.6                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.14                    | 22.17                  | 23.6                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.09                 | 22.20                    | 22.09                  | 23.6                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.19                 | 22.11                    | 22.23                  | 23.6                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.17                 | 22.27                    | 22.15                  | 23.6                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.16                 | 22.25                    | 22.14                  | 23.6                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.21                 | 22.16                    | 22.25                  | 23.6                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.23                 | 22.20                    | 22.20                  | 23.6                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.11                 | 22.09                    | 22.09                  | 23.6                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.25                 | 22.27                    | 22.17                  | 23.6                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 20.0                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.90                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.70                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.87                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.89                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.75                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.87                    |                        | 20.0                |
| 100             | QPSK       | 1       | 1         |                       | 19.89                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.73                    |                        | 20.0                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.83                    |                        | 20.0                |
| 100             | QPSK       | 135     | 69        |                       | 19.70                    |                        |                     |
| 100             | QPSK       | 135     | 138       |                       | 19.78                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.77                    |                        | 20.0                |
| 100             | 64QAM      | 1       | 1         |                       | 19.75                    |                        |                     |
| 100             | 256QAM     | 1       | 1         |                       | 19.86                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.71                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.74                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.84                    | 19.88                  | 20.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.86                    | 19.76                  | 20.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.72                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.87                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.86                 | 19.73                    | 19.82                  | 20.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.75                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.80                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.81                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.85                 | 19.89                    | 19.84                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 18.59                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 18.56                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 18.40                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 18.39                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 18.53                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 18.50                    |                        | 19.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 18.48                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 18.41                    |                        | 19.3                |
| 100             | QPSK       | 1       | 137       |                       | 18.47                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 18.48                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 18.29                    |                        | 19.3                |
| 100             | QPSK       | 135     | 69        |                       | 18.39                    |                        | 19.3                |
| 100             | QPSK       | 135     | 138       |                       | 18.51                    |                        | 19.3                |
| 100             | QPSK       | 270     | 0         |                       | 18.38                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 18.53                    |                        | 19.3                |
| 100             | 64QAM      | 1       | 1         |                       | 18.39                    |                        | 19.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.28                    |                        | 19.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 18.43                 | 18.49                    | 18.44                  | 19.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 18.45                 | 18.58                    | 18.35                  | 19.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 18.53                 | 18.45                    | 18.39                  | 19.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 18.30                 | 18.34                    | 18.54                  | 19.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 18.40                 | 18.53                    | 18.36                  | 19.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 18.49                 | 18.48                    | 18.35                  | 19.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 18.45                 | 18.40                    | 18.51                  | 19.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 18.48                 | 18.38                    | 18.29                  | 19.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 18.45                 | 18.37                    | 18.50                  | 19.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 18.42                 | 18.39                    | 18.47                  | 19.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 18.41                 | 18.39                    | 18.40                  | 19.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.18                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.12                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.17                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        | 20.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.10                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.05                    |                        | 20.3                |
| 100             | QPSK       | 1       | 137       |                       | 20.16                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.15                    |                        | 20.3                |
| 100             | QPSK       | 135     | 69        |                       | 19.99                    |                        | 20.3                |
| 100             | QPSK       | 135     | 138       |                       | 20.14                    |                        | 20.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.02                    |                        | 20.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.16                    |                        | 20.3                |
| 100             | 256QAM     | 1       | 1         |                       | 19.92                    |                        | 20.3                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.05                    | 20.07                  | 20.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.16                    | 20.00                  | 20.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.08                    | 20.02                  | 20.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.17                    | 20.03                  | 20.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.17                    | 20.01                  | 20.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.11                    | 19.99                  | 20.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.01                    | 20.05                  | 20.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.17                    | 20.07                  | 20.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.05                    | 20.04                  | 20.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.04                    | 19.98                  | 20.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.04                    | 20.00                  | 20.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.72                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.71                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.73                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.74                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.73                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.75                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.82                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.69                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.52                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.76                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.71                    | 21.69                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.83                    | 21.68                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.83                 | 21.66                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.83                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.82                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.82                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.82                    | 21.82                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.64                    | 21.73                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.90                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.70                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.87                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.89                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.75                    |                        | 20.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.87                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.89                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.73                    |                        | 20.8                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.83                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.70                    |                        | 20.8                |
| 100             | QPSK       | 135     | 138       |                       | 19.78                    |                        | 20.8                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.77                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 19.75                    |                        | 20.8                |
| 100             | 256QAM     | 1       | 1         |                       | 19.86                    |                        | 20.8                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.71                    | 19.83                  | 20.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.74                    | 19.77                  | 20.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.84                    | 19.88                  | 20.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.86                    | 19.76                  | 20.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.72                    | 19.70                  | 20.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.87                    | 19.70                  | 20.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.86                 | 19.73                    | 19.82                  | 20.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.75                    | 19.74                  | 20.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.80                    | 19.86                  | 20.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.81                    | 19.87                  | 20.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.85                 | 19.89                    | 19.84                  | 20.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.60                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.59                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.48                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.55                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.53                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.53                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.43                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 20.47                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.52                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.37                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 20.43                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 20.57                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 20.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.56                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 20.39                    |                        | 22.0                |
| 100             | 256QAM     | 1       | 1         |                       | 18.83                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.46                 | 20.57                    | 20.53                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.48                 | 20.58                    | 20.45                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.55                    | 20.49                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.39                 | 20.42                    | 20.58                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.47                 | 20.58                    | 20.43                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.57                 | 20.52                    | 20.43                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.45                 | 20.48                    | 20.53                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.46                    | 20.35                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.49                 | 20.38                    | 20.55                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.52                 | 20.45                    | 20.48                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.50                 | 20.45                    | 20.40                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.18                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.12                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.17                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        | 21.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.10                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.05                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.16                    |                        | 21.5                |
| 100             | QPSK       | 1       | 271       |                       | 20.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.15                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.99                    |                        | 21.5                |
| 100             | QPSK       | 135     | 138       |                       | 20.14                    |                        | 21.5                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.02                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 20.16                    |                        | 21.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.92                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.05                    | 20.07                  | 21.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.16                    | 20.00                  | 21.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.08                    | 20.02                  | 21.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.17                    | 20.03                  | 21.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.17                    | 20.01                  | 21.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.11                    | 19.99                  | 21.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.01                    | 20.05                  | 21.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.17                    | 20.07                  | 21.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.05                    | 20.04                  | 21.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.04                    | 19.98                  | 21.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.04                    | 20.00                  | 21.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.72                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.71                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.73                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.75                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.74                    |                        | 22.9                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.73                    |                        | 22.9                |
| 100             | QPSK       | 1       | 137       |                       | 21.75                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.9                |
| 100             | QPSK       | 135     | 69        |                       | 21.82                    |                        | 22.9                |
| 100             | QPSK       | 135     | 138       |                       | 21.69                    |                        | 22.9                |
| 100             | QPSK       | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 22.9                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 22.5                |
| 100             | 256QAM     | 1       | 1         |                       | 19.52                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.76                    | 21.73                  | 22.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.71                    | 21.69                  | 22.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.83                    | 21.68                  | 22.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.83                 | 21.66                    | 21.80                  | 22.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.83                    | 21.80                  | 22.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.82                    | 21.70                  | 22.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.82                  | 22.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.82                    | 21.82                  | 22.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.64                    | 21.73                  | 22.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 19.90                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.70                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 19.87                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 19.84                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 19.89                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 19.75                    |                        | 20.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 19.87                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 19.89                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 19.73                    |                        | 20.0                |
| 100             | QPSK       | 1       | 271       |                       | 19.76                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 19.83                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 19.70                    |                        | 20.0                |
| 100             | QPSK       | 135     | 138       |                       | 19.78                    |                        | 20.0                |
| 100             | QPSK       | 270     | 0         |                       | 19.78                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 19.77                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 19.75                    |                        | 20.0                |
| 100             | 256QAM     | 1       | 1         |                       | 19.86                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.71                    | 19.83                  | 20.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.74                    | 19.77                  | 20.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.84                    | 19.88                  | 20.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.86                    | 19.76                  | 20.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 19.82                 | 19.72                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 19.81                 | 19.87                    | 19.70                  | 20.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.86                 | 19.73                    | 19.82                  | 20.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 19.79                 | 19.75                    | 19.74                  | 20.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 19.74                 | 19.80                    | 19.86                  | 20.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 19.76                 | 19.81                    | 19.87                  | 20.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 19.85                 | 19.89                    | 19.84                  | 20.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.60                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 20.59                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.47                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.48                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.55                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.53                    |                        | 21.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.53                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 20.43                    |                        | 21.3                |
| 100             | QPSK       | 1       | 137       |                       | 20.47                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 20.52                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.37                    |                        | 21.3                |
| 100             | QPSK       | 135     | 69        |                       | 20.43                    |                        | 21.3                |
| 100             | QPSK       | 135     | 138       |                       | 20.57                    |                        | 21.3                |
| 100             | QPSK       | 270     | 0         |                       | 20.46                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.56                    |                        | 21.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.39                    |                        | 21.3                |
| 100             | 256QAM     | 1       | 1         |                       | 18.83                    |                        | 20.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 20.46                 | 20.57                    | 20.53                  | 21.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 20.48                 | 20.58                    | 20.45                  | 21.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.55                    | 20.49                  | 21.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.39                 | 20.42                    | 20.58                  | 21.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.47                 | 20.58                    | 20.43                  | 21.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.57                 | 20.52                    | 20.43                  | 21.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 20.45                 | 20.48                    | 20.53                  | 21.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.55                 | 20.46                    | 20.35                  | 21.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.49                 | 20.38                    | 20.55                  | 21.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.52                 | 20.45                    | 20.48                  | 21.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.50                 | 20.45                    | 20.40                  | 21.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 20.7                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 20.18                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 19.99                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 20.15                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 20.12                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 20.17                    |                        | 20.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 20.10                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 20.10                    |                        | 20.7                |
| 100             | QPSK       | 1       | 1         |                       | 20.05                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 20.16                    |                        | 20.7                |
| 100             | QPSK       | 1       | 271       |                       | 20.05                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 20.15                    |                        | 20.7                |
| 100             | QPSK       | 135     | 69        |                       | 19.99                    |                        |                     |
| 100             | QPSK       | 135     | 138       |                       | 20.14                    |                        | 20.7                |
| 100             | QPSK       | 270     | 0         |                       | 20.00                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 20.02                    |                        | 20.7                |
| 100             | 64QAM      | 1       | 1         |                       | 20.16                    |                        |                     |
| 100             | 256QAM     | 1       | 1         |                       | 19.92                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 19.98                 | 20.05                    | 20.07                  | 20.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.16                    | 20.00                  | 20.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.08                    | 20.02                  | 20.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 20.16                 | 20.17                    | 20.03                  | 20.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 20.12                 | 20.17                    | 20.01                  | 20.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.11                    | 19.99                  | 20.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 19.99                 | 20.01                    | 20.05                  | 20.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 20.02                 | 20.17                    | 20.07                  | 20.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 20.00                 | 20.05                    | 20.04                  | 20.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 20.14                 | 20.04                    | 19.98                  | 20.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 20.15                 | 20.04                    | 20.00                  | 20.7                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.84                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.72                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.71                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.73                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.75                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.74                    |                        | 22.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.80                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.73                    |                        | 22.1                |
| 100             | QPSK       | 1       | 137       |                       | 21.75                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.69                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.70                    |                        | 22.1                |
| 100             | QPSK       | 135     | 69        |                       | 21.82                    |                        | 22.1                |
| 100             | QPSK       | 135     | 138       |                       | 21.69                    |                        | 22.1                |
| 100             | QPSK       | 270     | 0         |                       | 21.65                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.82                    |                        | 22.1                |
| 100             | 64QAM      | 1       | 1         |                       | 21.37                    |                        | 22.1                |
| 100             | 256QAM     | 1       | 1         |                       | 19.52                    |                        | 20.5                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.69                 | 21.76                    | 21.73                  | 22.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.65                 | 21.71                    | 21.69                  | 22.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.80                 | 21.83                    | 21.68                  | 22.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.83                 | 21.66                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.78                 | 21.83                    | 21.80                  | 22.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.68                 | 21.82                    | 21.70                  | 22.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.73                 | 21.76                    | 21.82                  | 22.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.76                 | 21.82                    | 21.82                  | 22.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.71                 | 21.79                    | 21.78                  | 22.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.67                 | 21.64                    | 21.73                  | 22.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 26.55                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 26.35                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 26.40                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 25.82                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 26.34                    |                        | 27.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 26.04                    |                        | 27.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 25.87                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 26.47                    |                        | 27.5                |
| 100             | QPSK       | 1       | 137       |                       | 26.32                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 26.52                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 25.34                    |                        | 26.5                |
| 100             | QPSK       | 135     | 69        |                       | 26.35                    |                        | 27.5                |
| 100             | QPSK       | 135     | 138       |                       | 25.52                    |                        | 26.5                |
| 100             | QPSK       | 270     | 0         |                       | 25.37                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 25.42                    |                        | 26.5                |
| 100             | 64QAM      | 1       | 1         |                       | 23.91                    |                        | 25.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.24                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 26.54                 | 26.44                    | 26.50                  | 27.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 26.50                 | 26.50                    | 26.54                  | 27.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 26.39                 | 26.51                    | 26.47                  | 27.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 26.40                 | 26.40                    | 26.37                  | 27.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 26.49                 | 26.46                    | 26.35                  | 27.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 26.39                 | 26.37                    | 26.54                  | 27.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 26.53                 | 26.53                    | 26.49                  | 27.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 26.43                 | 26.54                    | 26.48                  | 27.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 26.48                 | 26.39                    | 26.44                  | 27.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 26.47                 | 26.47                    | 26.51                  | 27.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 26.54                 | 26.41                    | 26.51                  | 27.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 16.76                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 16.66                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 16.67                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 16.56                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 16.69                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 16.57                    |                        | 17.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 16.68                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 16.72                    |                        | 17.0                |
| 100             | QPSK       | 1       | 137       |                       | 16.67                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 16.71                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 16.74                    |                        | 17.0                |
| 100             | QPSK       | 135     | 69        |                       | 16.72                    |                        | 17.0                |
| 100             | QPSK       | 135     | 138       |                       | 16.56                    |                        | 17.0                |
| 100             | QPSK       | 270     | 0         |                       | 16.65                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 16.71                    |                        | 17.0                |
| 100             | 64QAM      | 1       | 1         |                       | 16.74                    |                        | 17.0                |
| 100             | 256QAM     | 1       | 1         |                       | 16.64                    |                        | 17.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 16.58                 | 16.75                    | 16.60                  | 17.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 16.63                 | 16.71                    | 16.74                  | 17.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 16.57                 | 16.72                    | 16.70                  | 17.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 16.70                 | 16.62                    | 16.64                  | 17.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 16.75                 | 16.72                    | 16.66                  | 17.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 16.65                 | 16.70                    | 16.58                  | 17.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 16.66                 | 16.60                    | 16.70                  | 17.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 16.70                 | 16.70                    | 16.58                  | 17.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 16.74                 | 16.73                    | 16.57                  | 17.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 16.68                 | 16.71                    | 16.67                  | 17.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 16.70                 | 16.70                    | 16.75                  | 17.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 25.56                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 25.26                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 25.50                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 24.51                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 25.25                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 24.55                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.57                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 25.34                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 25.20                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 25.46                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 24.12                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 25.32                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 24.14                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 24.18                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 24.31                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.79                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.06                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 25.41                 | 25.48                    | 25.46                  | 26.2                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 25.50                 | 25.49                    | 25.52                  | 26.2                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.41                    | 25.50                  | 26.2                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 25.47                 | 25.45                    | 25.41                  | 26.2                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.51                    | 25.39                  | 26.2                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 25.52                 | 25.42                    | 25.44                  | 26.2                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 25.50                 | 25.46                    | 25.42                  | 26.2                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 25.53                 | 25.55                    | 25.51                  | 26.2                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 25.51                 | 25.55                    | 25.47                  | 26.2                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 25.46                 | 25.44                    | 25.53                  | 26.2                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 25.43                 | 25.55                    | 25.51                  | 26.2                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.95                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.69                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.98                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.63                    |                        | 26.2                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.95                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.00                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.87                    |                        | 26.2                |
| 100             | QPSK       | 1       | 137       |                       | 24.58                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.83                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.43                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.63                    |                        | 26.2                |
| 100             | QPSK       | 135     | 138       |                       | 23.38                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.50                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.68                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.17                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.34                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.85                    | 24.75                  | 26.2                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.93                    | 24.94                  | 26.2                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.87                    | 24.93                  | 26.2                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.80                 | 24.84                    | 24.78                  | 26.2                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.80                    | 24.85                  | 26.2                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.89                    | 24.93                  | 26.2                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.79                  | 26.2                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.87                    | 24.82                  | 26.2                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.92                    | 24.93                  | 26.2                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.78                    | 24.91                  | 26.2                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.87                    | 24.84                  | 26.2                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.84                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.63                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.69                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.74                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.72                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.86                    |                        | 23.0                |
| 100             | QPSK       | 1       | 137       |                       | 22.83                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.78                    |                        | 23.0                |
| 100             | QPSK       | 135     | 69        |                       | 22.62                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.73                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.79                    |                        | 23.0                |
| 100             | 64QAM      | 1       | 1         |                       | 22.87                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.16                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.78                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.91                    | 22.83                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.82                    | 22.96                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.91                 | 22.79                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.82                    | 22.84                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.93                 | 22.85                    | 22.92                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.78                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.91                    | 22.78                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.83                    | 22.78                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 21.38                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 21.10                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 21.25                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 21.29                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 21.32                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 21.23                    |                        | 22.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 21.26                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 21.31                    |                        | 22.3                |
| 100             | QPSK       | 1       | 137       |                       | 21.13                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 21.31                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 21.18                    |                        | 22.3                |
| 100             | QPSK       | 135     | 69        |                       | 21.23                    |                        | 22.3                |
| 100             | QPSK       | 135     | 138       |                       | 21.37                    |                        | 22.3                |
| 100             | QPSK       | 270     | 0         |                       | 21.27                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 21.28                    |                        | 22.3                |
| 100             | 64QAM      | 1       | 1         |                       | 20.82                    |                        | 22.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.22                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 21.20                 | 21.33                    | 21.23                  | 22.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 21.20                 | 21.34                    | 21.31                  | 22.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 21.15                 | 21.18                    | 21.31                  | 22.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.29                    | 21.18                  | 22.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.16                    | 21.30                  | 22.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 21.34                 | 21.36                    | 21.31                  | 22.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 21.16                 | 21.15                    | 21.25                  | 22.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 21.20                 | 21.34                    | 21.30                  | 22.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 21.25                 | 21.12                    | 21.21                  | 22.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 21.19                 | 21.18                    | 21.25                  | 22.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 21.26                 | 21.15                    | 21.25                  | 22.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.27                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.24                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.25                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.24                    |                        | 23.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.21                    |                        | 23.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.13                    |                        | 23.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 23.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.18                    |                        | 23.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.17                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.22                    |                        | 23.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.86                    |                        | 23.3                |
| 100             | 256QAM     | 1       | 1         |                       | 21.17                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.22                  | 23.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.14                    | 23.26                  | 23.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.24                    | 23.27                  | 23.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.16                  | 23.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.09                 | 23.17                    | 23.18                  | 23.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.25                    | 23.11                  | 23.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.27                    | 23.21                  | 23.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.13                    | 23.25                  | 23.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.14                    | 23.09                  | 23.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.08                    | 23.24                  | 23.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.19                    | 23.10                  | 23.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.1                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.95                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.69                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.98                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.63                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.95                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.00                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.87                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 24.58                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 24.83                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.43                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 24.63                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.38                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.50                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.68                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.17                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.34                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.85                    | 24.75                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.93                    | 24.94                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.87                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.80                 | 24.84                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.80                    | 24.85                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.89                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.79                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.87                    | 24.82                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.92                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.78                    | 24.91                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.87                    | 24.84                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.84                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.63                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.69                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.74                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.72                    |                        | 23.8                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.86                    |                        | 23.8                |
| 100             | QPSK       | 1       | 137       |                       | 22.83                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.78                    |                        | 23.8                |
| 100             | QPSK       | 135     | 69        |                       | 22.62                    |                        | 23.8                |
| 100             | QPSK       | 135     | 138       |                       | 22.73                    |                        | 23.8                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.79                    |                        | 23.8                |
| 100             | 64QAM      | 1       | 1         |                       | 22.87                    |                        | 23.8                |
| 100             | 256QAM     | 1       | 1         |                       | 22.16                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.78                    | 22.86                  | 23.8                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.91                    | 22.83                  | 23.8                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.82                    | 22.96                  | 23.8                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.86                  | 23.8                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.91                 | 22.79                    | 22.86                  | 23.8                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.82                  | 23.8                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.82                    | 22.84                  | 23.8                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.93                 | 22.85                    | 22.92                  | 23.8                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.78                    | 22.82                  | 23.8                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.91                    | 22.78                  | 23.8                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.83                    | 22.78                  | 23.8                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.44                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.19                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.29                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.36                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.31                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.27                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.33                    |                        | 25.1                |
| 100             | QPSK       | 1       | 137       |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.32                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.27                    |                        | 25.1                |
| 100             | QPSK       | 135     | 69        |                       | 23.28                    |                        | 25.1                |
| 100             | QPSK       | 135     | 138       |                       | 23.37                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.30                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.37                    |                        | 25.1                |
| 100             | 64QAM      | 1       | 1         |                       | 22.67                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.25                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.37                    | 23.29                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.24                 | 23.40                    | 23.37                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.19                    | 23.40                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.37                    | 23.24                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.29                 | 23.23                    | 23.40                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.41                 | 23.41                    | 23.35                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.24                    | 23.32                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.24                 | 23.34                    | 23.38                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.20                    | 23.25                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.30                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.20                    | 23.28                  | 25.1                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.27                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.24                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.25                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.24                    |                        | 24.5                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.21                    |                        | 24.5                |
| 100             | QPSK       | 1       | 137       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.13                    |                        | 24.5                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 24.5                |
| 100             | QPSK       | 135     | 138       |                       | 23.18                    |                        | 24.5                |
| 100             | QPSK       | 270     | 0         |                       | 23.17                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.22                    |                        | 24.5                |
| 100             | 64QAM      | 1       | 1         |                       | 22.86                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.17                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.22                  | 24.5                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.14                    | 23.26                  | 24.5                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.24                    | 23.27                  | 24.5                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.16                  | 24.5                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.09                 | 23.17                    | 23.18                  | 24.5                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.25                    | 23.11                  | 24.5                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.27                    | 23.21                  | 24.5                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.13                    | 23.25                  | 24.5                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.14                    | 23.09                  | 24.5                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.08                    | 23.24                  | 24.5                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.19                    | 23.10                  | 24.5                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.95                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.69                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.88                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.98                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.63                    |                        | 25.9                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.95                    |                        | 25.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.00                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 24.87                    |                        | 25.9                |
| 100             | QPSK       | 1       | 137       |                       | 24.58                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 24.83                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.43                    |                        | 25.2                |
| 100             | QPSK       | 135     | 69        |                       | 24.63                    |                        | 25.9                |
| 100             | QPSK       | 135     | 138       |                       | 23.38                    |                        | 25.2                |
| 100             | QPSK       | 270     | 0         |                       | 23.50                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.68                    |                        | 25.2                |
| 100             | 64QAM      | 1       | 1         |                       | 22.17                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 20.34                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.85                    | 24.75                  | 25.9                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.93                    | 24.94                  | 25.9                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.87                    | 24.93                  | 25.9                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.80                 | 24.84                    | 24.78                  | 25.9                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.80                    | 24.85                  | 25.9                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.89                    | 24.93                  | 25.9                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.79                  | 25.9                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.87                    | 24.82                  | 25.9                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.92                    | 24.93                  | 25.9                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.78                    | 24.91                  | 25.9                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.87                    | 24.84                  | 25.9                |





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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 22.98                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 22.84                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 22.63                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 22.69                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 22.74                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 22.72                    |                        | 23.0                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 22.86                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 22.83                    |                        | 23.0                |
| 100             | QPSK       | 1       | 271       |                       | 22.73                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 22.78                    |                        |                     |
| 100             | QPSK       | 135     | 69        |                       | 22.62                    |                        | 23.0                |
| 100             | QPSK       | 135     | 138       |                       | 22.73                    |                        | 23.0                |
| 100             | QPSK       | 270     | 0         |                       | 22.79                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 22.79                    |                        |                     |
| 100             | 64QAM      | 1       | 1         |                       | 22.87                    |                        | 23.0                |
| 100             | 256QAM     | 1       | 1         |                       | 22.16                    |                        | 23.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 22.87                 | 22.78                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 22.88                 | 22.91                    | 22.83                  | 23.0                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 22.97                 | 22.82                    | 22.96                  | 23.0                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 22.91                 | 22.79                    | 22.86                  | 23.0                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 22.94                 | 22.91                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.82                    | 22.84                  | 23.0                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 22.93                 | 22.85                    | 22.92                  | 23.0                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.78                    | 22.82                  | 23.0                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 22.96                 | 22.91                    | 22.78                  | 23.0                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 22.92                 | 22.83                    | 22.78                  | 23.0                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.44                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.19                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.31                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.29                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.36                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.31                    |                        | 24.3                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.27                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.33                    |                        | 24.3                |
| 100             | QPSK       | 1       | 137       |                       | 23.15                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.32                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.27                    |                        | 24.3                |
| 100             | QPSK       | 135     | 69        |                       | 23.28                    |                        | 24.3                |
| 100             | QPSK       | 135     | 138       |                       | 23.37                    |                        | 24.3                |
| 100             | QPSK       | 270     | 0         |                       | 23.30                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.37                    |                        | 24.3                |
| 100             | 64QAM      | 1       | 1         |                       | 22.67                    |                        | 24.0                |
| 100             | 256QAM     | 1       | 1         |                       | 21.25                    |                        | 22.0                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.28                 | 23.37                    | 23.29                  | 24.3                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.24                 | 23.40                    | 23.37                  | 24.3                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.19                    | 23.40                  | 24.3                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.37                    | 23.24                  | 24.3                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.29                 | 23.23                    | 23.40                  | 24.3                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.41                 | 23.41                    | 23.35                  | 24.3                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.24                    | 23.32                  | 24.3                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.24                 | 23.34                    | 23.38                  | 24.3                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.30                 | 23.20                    | 23.25                  | 24.3                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.30                  | 24.3                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.34                 | 23.20                    | 23.28                  | 24.3                |



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| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        |                     |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 23.28                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 23.21                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 23.27                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.24                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 23.25                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.24                    |                        | 23.7                |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 1         |                       | 23.21                    |                        | 23.7                |
| 100             | QPSK       | 1       | 137       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 1       | 271       |                       | 23.25                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.13                    |                        | 23.7                |
| 100             | QPSK       | 135     | 69        |                       | 23.27                    |                        | 23.7                |
| 100             | QPSK       | 135     | 138       |                       | 23.18                    |                        | 23.7                |
| 100             | QPSK       | 270     | 0         |                       | 23.17                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.22                    |                        | 23.7                |
| 100             | 64QAM      | 1       | 1         |                       | 22.86                    |                        | 23.7                |
| 100             | 256QAM     | 1       | 1         |                       | 21.17                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.23                    | 23.22                  | 23.7                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.14                    | 23.26                  | 23.7                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 23.20                 | 23.24                    | 23.27                  | 23.7                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 23.13                 | 23.17                    | 23.16                  | 23.7                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 23.09                 | 23.17                    | 23.18                  | 23.7                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 23.23                 | 23.25                    | 23.11                  | 23.7                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 23.10                 | 23.27                    | 23.21                  | 23.7                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 23.25                 | 23.13                    | 23.25                  | 23.7                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 23.26                 | 23.14                    | 23.09                  | 23.7                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 23.27                 | 23.08                    | 23.24                  | 23.7                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 23.21                 | 23.19                    | 23.10                  | 23.7                |



<FR1 n78\_HPUE\_Ant 5\_Index 11>

| BW [MHz]        | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel         |            |         |           |                       | 633332                   |                        | 25.1                |
| Frequency (MHz) |            |         |           |                       | 3499.98                  |                        |                     |
| 100             | PI/2 BPSK  | 1       | 1         |                       | 24.95                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 1       | 137       |                       | 24.69                    |                        |                     |
| 100             | PI/2 BPSK  | 1       | 271       |                       | 24.88                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 0         |                       | 23.98                    |                        |                     |
| 100             | PI/2 BPSK  | 135     | 69        |                       | 24.63                    |                        | 25.1                |
| 100             | PI/2 BPSK  | 135     | 138       |                       | 23.95                    |                        |                     |
| 100             | PI/2 BPSK  | 270     | 0         |                       | 24.00                    |                        | 25.1                |
| 100             | QPSK       | 1       | 1         |                       | 24.87                    |                        |                     |
| 100             | QPSK       | 1       | 137       |                       | 24.58                    |                        | 25.1                |
| 100             | QPSK       | 1       | 271       |                       | 24.83                    |                        |                     |
| 100             | QPSK       | 135     | 0         |                       | 23.43                    |                        | 25.1                |
| 100             | QPSK       | 135     | 69        |                       | 24.63                    |                        |                     |
| 100             | QPSK       | 135     | 138       |                       | 23.38                    |                        | 25.1                |
| 100             | QPSK       | 270     | 0         |                       | 23.50                    |                        |                     |
| 100             | 16QAM      | 1       | 1         |                       | 23.68                    |                        | 25.1                |
| 100             | 64QAM      | 1       | 1         |                       | 22.17                    |                        |                     |
| 100             | 256QAM     | 1       | 1         |                       | 20.34                    |                        | 21.7                |
| Channel         |            |         |           | 633000                | 633332                   | 633666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3495                  | 3499.98                  | 3504.99                |                     |
| 90              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.85                    | 24.75                  | 25.1                |
| Channel         |            |         |           | 632668                | 633332                   | 634000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3490.02               | 3499.98                  | 3510                   |                     |
| 80              | PI/2 BPSK  | 1       | 1         | 24.88                 | 24.93                    | 24.94                  | 25.1                |
| Channel         |            |         |           | 632334                | 633332                   | 634332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3485.01               | 3499.98                  | 3514.98                |                     |
| 70              | PI/2 BPSK  | 1       | 1         | 24.81                 | 24.87                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 632000                | 633332                   | 634666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3480                  | 3499.98                  | 3519.99                |                     |
| 60              | PI/2 BPSK  | 1       | 1         | 24.80                 | 24.84                    | 24.78                  | 25.1                |
| Channel         |            |         |           | 631668                | 633332                   | 635000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3475.02               | 3499.98                  | 3525                   |                     |
| 50              | PI/2 BPSK  | 1       | 1         | 24.92                 | 24.80                    | 24.85                  | 25.1                |
| Channel         |            |         |           | 631334                | 633332                   | 635332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3470.01               | 3499.98                  | 3529.98                |                     |
| 40              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.89                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 631000                | 633332                   | 635666                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3465                  | 3499.98                  | 3534.99                |                     |
| 30              | PI/2 BPSK  | 1       | 1         | 24.85                 | 24.76                    | 24.79                  | 25.1                |
| Channel         |            |         |           | 630834                | 633332                   | 635832                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3462.51               | 3499.98                  | 3537.48                |                     |
| 25              | PI/2 BPSK  | 1       | 1         | 24.77                 | 24.87                    | 24.82                  | 25.1                |
| Channel         |            |         |           | 630668                | 633332                   | 636000                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3460.02               | 3499.98                  | 3540                   |                     |
| 20              | PI/2 BPSK  | 1       | 1         | 24.86                 | 24.92                    | 24.93                  | 25.1                |
| Channel         |            |         |           | 630500                | 633332                   | 636166                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3457.5                | 3499.98                  | 3542.49                |                     |
| 15              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.78                    | 24.91                  | 25.1                |
| Channel         |            |         |           | 630334                | 633332                   | 636332                 | Tune-up limit (dBm) |
| Frequency (MHz) |            |         |           | 3455.01               | 3499.98                  | 3544.98                |                     |
| 10              | PI/2 BPSK  | 1       | 1         | 24.79                 | 24.87                    | 24.84                  | 25.1                |



**<Non-terrestrial Network Note>**

**General Note:**

1. Due to test setup limitations, SAR testing for Non-terrestrial Network was performed using Factory Test Mode software to establish the connection.

**<NTN Band 23\_Ant 0\_Index 10>**

| Sub-carrier Spacing (KHz) | Modulation | SC Size | SC Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel                   |            |         |           | 25501                 | 25600                    | 25699                  |                     |
| Frequency (MHz)           |            |         |           | 2000.1                | 2010                     | 2019.9                 |                     |
| 3.75                      | BPSK       | 1       | 0         | 22.11                 | 22.10                    | 22.07                  | 23.2                |
| 3.75                      | BPSK       | 1       | 46        | 22.28                 | 22.24                    | 22.16                  |                     |
| 3.75                      | QPSK       | 1       | 0         | 22.13                 | 22.12                    | 22.08                  |                     |
| 3.75                      | QPSK       | 1       | 46        | 22.36                 | 22.29                    | 22.24                  |                     |
| 15                        | BPSK       | 1       | 0         | 22.09                 | 22.35                    | 22.10                  |                     |
| 15                        | BPSK       | 1       | 10        | 22.01                 | 22.29                    | 22.04                  |                     |
| 15                        | QPSK       | 1       | 0         | 22.06                 | 22.34                    | 22.09                  |                     |
| 15                        | QPSK       | 1       | 10        | 22.02                 | 22.30                    | 22.01                  | 22.7                |
| 15                        | QPSK       | 12      | 0         | 20.92                 | 20.85                    | 20.83                  |                     |

**<NTN Band 255\_Ant 0\_Index 10>**

| Sub-carrier Spacing (KHz) | Modulation | SC Size | SC Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|
| Channel                   |            |         |           | 261505                | 261674                   | 261843                 |                     |
| Frequency (MHz)           |            |         |           | 1626.6                | 1643.5                   | 1660.4                 |                     |
| 3.75                      | BPSK       | 1       | 0         | 22.32                 | 22.22                    | 22.30                  | 23.3                |
| 3.75                      | BPSK       | 1       | 46        | 22.25                 | 22.14                    | 22.25                  |                     |
| 3.75                      | QPSK       | 1       | 0         | 22.30                 | 22.18                    | 22.26                  |                     |
| 3.75                      | QPSK       | 1       | 46        | 22.38                 | 22.15                    | 22.23                  |                     |
| 15                        | BPSK       | 1       | 0         | 22.29                 | 22.23                    | 22.35                  |                     |
| 15                        | BPSK       | 1       | 10        | 22.24                 | 22.15                    | 22.25                  |                     |
| 15                        | QPSK       | 1       | 0         | 22.25                 | 22.19                    | 22.30                  |                     |
| 15                        | QPSK       | 1       | 10        | 22.19                 | 22.12                    | 22.22                  | 22                  |
| 15                        | QPSK       | 12      | 0         | 20.64                 | 20.58                    | 20.67                  |                     |