



Full&Default Power Mode

| GSM850 TX Channel | GSM850 Ant0 Default | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|
| | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | |
| | 128 | 189 | 251 | | 128 | 189 | 251 |
| Frequency (MHz) | 824.2 | 836.4 | 848.6 | 824.2 | 836.4 | 848.6 | |
| GSM 1 Tx slot | 32.83 | 32.85 | 32.80 | 33.50 | 23.83 | 23.85 | 23.80 |
| GPRS 1 Tx slots | 32.93 | 32.98 | 32.99 | 33.50 | 23.93 | 23.98 | 23.98 |
| GPRS 2 Tx slots | 31.33 | 31.38 | 31.55 | 32.50 | 25.33 | 25.38 | 25.55 |
| GPRS 3 Tx slots | 29.18 | 29.24 | 29.21 | 30.50 | 24.90 | 24.98 | 24.95 |
| GPRS 4 Tx slots | 27.96 | 28.21 | 28.13 | 29.50 | 24.98 | 25.21 | 25.13 |
| EDGE 1 Tx slot | 25.89 | 25.98 | 26.05 | 27.00 | 18.89 | 18.96 | 17.05 |
| EDGE 2 Tx slots | 24.57 | 24.67 | 24.74 | 26.00 | 18.57 | 18.67 | 18.74 |
| EDGE 3 Tx slots | 22.24 | 22.44 | 22.38 | 23.50 | 17.98 | 18.18 | 18.12 |
| EDGE 4 Tx slots | 20.82 | 20.98 | 20.94 | 22.00 | 17.82 | 17.98 | 17.94 |

| GSM1900 TX Channel | GSM1900 Ant0 Default | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|--------|-------|
| | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | |
| | 512 | 661 | 810 | | 512 | 661 | 810 |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | 1850.2 | 1860 | 1909.8 | |
| GSM 1 Tx slot | 29.81 | 29.67 | 29.55 | 30.50 | 20.81 | 20.67 | 20.55 |
| GPRS 1 Tx slots | 29.87 | 29.72 | 29.69 | 30.50 | 20.87 | 20.72 | 20.69 |
| GPRS 2 Tx slots | 28.92 | 28.72 | 28.66 | 29.50 | 22.92 | 22.72 | 22.66 |
| GPRS 3 Tx slots | 26.86 | 26.67 | 26.57 | 27.50 | 22.60 | 22.41 | 22.31 |
| GPRS 4 Tx slots | 25.54 | 25.62 | 25.43 | 26.50 | 22.54 | 22.62 | 22.43 |
| EDGE 1 Tx slot | 25.04 | 24.97 | 24.86 | 26.00 | 18.04 | 18.97 | 18.86 |
| EDGE 2 Tx slots | 24.11 | 24.01 | 23.87 | 25.00 | 18.11 | 18.01 | 17.87 |
| EDGE 3 Tx slots | 22.18 | 22.11 | 22.01 | 23.00 | 17.92 | 17.85 | 17.75 |
| EDGE 4 Tx slots | 21.19 | 21.14 | 21.03 | 22.00 | 18.19 | 18.14 | 18.03 |

| Band | WCDMA II Ant0 Default | | | Tune-up Limit (dBm) | WCDMA IV Ant0 Default | | | WCDMA V Ant0 Default | | | | | |
|-----------------|-----------------------|-------|--------|---------------------------|-----------------------|--------|-------|----------------------|-------|-------|-------|-------|-------|
| | WCDMA II | | | | WCDMA IV | | | WCDMA V | | | | | |
| | 9632 | 9460 | 9538 | | 1312 | 1413 | 1513 | 4132 | 4182 | 4233 | | | |
| Rx Channel | 9692 | 9590 | 9593 | 1597 | 1638 | 1738 | 4357 | 4407 | 4458 | | | | |
| Frequency (MHz) | 1852.4 | 1860 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 836.4 | 836.4 | 866.8 | | | | |
| 3GPP Rel 99 | AMR 12.2kbps | 23.25 | 23.29 | 23.21 | 25.00 | 23.12 | 23.23 | 23.14 | 25.00 | 23.18 | 23.27 | 23.22 | 25.00 |
| 3GPP Rel 99 | RM-C 12.2kbps | 23.30 | 23.35 | 23.22 | 25.00 | 23.20 | 23.27 | 23.26 | 25.00 | 23.36 | 23.38 | 23.28 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.18 | 22.37 | 22.34 | 24.00 | 22.07 | 22.36 | 22.18 | 24.00 | 22.22 | 22.94 | 22.11 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.17 | 22.33 | 22.34 | 24.00 | 22.06 | 22.21 | 22.12 | 24.00 | 22.25 | 22.33 | 22.22 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.53 | 21.79 | 21.65 | 23.50 | 21.57 | 21.73 | 21.90 | 23.50 | 21.63 | 21.78 | 21.84 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.70 | 21.84 | 21.95 | 23.50 | 21.65 | 21.75 | 21.91 | 23.50 | 21.61 | 21.88 | 21.77 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.05 | 22.32 | 22.39 | 24.00 | 22.03 | 22.26 | 22.17 | 24.00 | 22.22 | 22.27 | 22.15 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.05 | 22.28 | 22.38 | 24.00 | 22.03 | 22.23 | 22.29 | 24.00 | 22.05 | 22.35 | 22.13 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.58 | 21.78 | 21.83 | 23.50 | 21.53 | 21.78 | 21.68 | 23.50 | 21.58 | 21.84 | 21.66 | 23.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 21.63 | 21.78 | 21.92 | 23.50 | 21.52 | 21.79 | 21.78 | 23.50 | 21.68 | 21.79 | 21.63 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.12 | 22.55 | 22.32 | 24.00 | 22.06 | 22.38 | 22.19 | 24.00 | 22.19 | 22.36 | 22.33 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.12 | 20.37 | 20.40 | 22.00 | 20.09 | 20.29 | 20.30 | 22.00 | 20.17 | 20.33 | 20.16 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.24 | 21.34 | 21.48 | 23.00 | 21.01 | 21.12 | 21.25 | 23.00 | 21.20 | 21.34 | 21.18 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.31 | 20.53 | 20.46 | 22.00 | 20.16 | 20.35 | 20.33 | 22.00 | 20.12 | 20.35 | 20.29 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.30 | 22.39 | 22.31 | 24.00 | 22.19 | 22.34 | 22.26 | 24.00 | 22.20 | 22.44 | 22.40 | 24.00 |



Band 2 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18800 | 19100 | | |
| 20 | QPSK | 1 | 0 | 22.45 | 22.55 | 22.28 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.46 | 22.53 | 22.55 | | |
| 20 | QPSK | 1 | 99 | 22.34 | 22.47 | 22.43 | | |
| 20 | QPSK | 50 | 0 | 21.63 | 21.74 | 21.61 | | |
| 20 | QPSK | 50 | 24 | 21.52 | 21.63 | 21.57 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 21.52 | 21.55 | 21.47 | | |
| 20 | QPSK | 100 | 0 | 21.41 | 21.58 | 21.43 | | |
| 20 | 16QAM | 1 | 0 | 21.64 | 21.72 | 21.59 | | |
| 20 | 16QAM | 1 | 49 | 21.55 | 21.64 | 21.57 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.60 | 21.66 | 21.60 | | |
| 20 | 16QAM | 50 | 0 | 20.70 | 20.76 | 20.65 | | |
| 20 | 16QAM | 50 | 24 | 20.59 | 20.61 | 20.53 | | |
| 20 | 16QAM | 50 | 50 | 20.48 | 20.64 | 20.48 | | |
| 20 | 16QAM | 100 | 0 | 20.50 | 20.54 | 20.49 | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.63 | 20.50 | | |
| 20 | 16QAM | 1 | 49 | 20.44 | 20.56 | 20.51 | 22 | 2 |
| 20 | 16QAM | 1 | 99 | 20.49 | 20.54 | 20.42 | | |
| 20 | 16QAM | 50 | 0 | 19.31 | 19.30 | 19.27 | | |
| 20 | 16QAM | 50 | 24 | 19.67 | 19.72 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.69 | 19.77 | 19.72 | 21 | 3 |
| 20 | 16QAM | 100 | 0 | 19.43 | 19.56 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18675 | 18800 | 19125 | | |
| 15 | QPSK | 1 | 0 | 22.45 | 22.55 | 22.28 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.37 | 22.51 | 22.46 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.42 | 22.38 | | |
| 15 | QPSK | 36 | 0 | 21.51 | 21.71 | 21.53 | | |
| 15 | QPSK | 36 | 20 | 21.36 | 21.48 | 21.55 | 23 | 1 |
| 15 | QPSK | 36 | 39 | 21.43 | 21.44 | 21.37 | | |
| 15 | QPSK | 75 | 0 | 21.37 | 21.45 | 21.33 | | |
| 15 | 16QAM | 1 | 0 | 21.60 | 21.68 | 21.48 | | |
| 15 | 16QAM | 1 | 37 | 21.49 | 21.48 | 21.53 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.54 | 21.59 | 21.55 | | |
| 15 | 16QAM | 36 | 0 | 20.62 | 20.63 | 20.52 | | |
| 15 | 16QAM | 36 | 20 | 20.35 | 20.37 | 20.47 | 22 | 2 |
| 15 | 16QAM | 36 | 39 | 20.34 | 20.55 | 20.43 | | |
| 15 | 16QAM | 75 | 0 | 20.35 | 20.47 | 20.42 | | |
| 15 | 16QAM | 1 | 0 | 20.44 | 20.55 | 20.47 | | |
| 15 | 16QAM | 1 | 37 | 20.29 | 20.45 | 20.35 | 22 | 2 |
| 15 | 16QAM | 1 | 74 | 20.42 | 20.48 | 20.39 | | |
| 15 | 16QAM | 36 | 0 | 19.63 | 19.73 | 19.60 | | |
| 15 | 16QAM | 36 | 20 | 19.54 | 19.63 | 19.68 | 21 | 3 |
| 15 | 16QAM | 36 | 39 | 19.58 | 19.74 | 19.63 | | |
| 15 | 16QAM | 75 | 0 | 19.53 | 19.44 | 19.27 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18650 | 18800 | 19100 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.54 | 22.34 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.34 | 22.48 | 22.51 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.44 | 22.36 | | |
| 10 | QPSK | 25 | 0 | 21.51 | 21.66 | 21.50 | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.57 | 21.47 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.39 | 21.46 | 21.37 | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.41 | 21.36 | | |
| 10 | 16QAM | 1 | 0 | 21.55 | 21.66 | 21.54 | | |
| 10 | 16QAM | 1 | 25 | 21.50 | 21.48 | 21.45 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.50 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 20.58 | 20.71 | 20.60 | | |
| 10 | 16QAM | 25 | 12 | 20.45 | 20.53 | 20.43 | | |
| 10 | 16QAM | 25 | 25 | 20.45 | 20.59 | 20.45 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.42 | 20.43 | 20.42 | | |
| 10 | 16QAM | 1 | 0 | 20.55 | 20.52 | 20.42 | 22 | 2 |
| 10 | 16QAM | 1 | 25 | 20.29 | 20.41 | 20.44 | | |
| 10 | 16QAM | 1 | 49 | 20.44 | 20.49 | 20.30 | | |
| 10 | 16QAM | 25 | 0 | 19.65 | 19.64 | 19.52 | | |
| 10 | 16QAM | 25 | 12 | 19.64 | 19.65 | 19.66 | | |
| 10 | 16QAM | 25 | 25 | 19.63 | 19.72 | 19.62 | 21 | 3 |
| 10 | 16QAM | 50 | 0 | 19.30 | 19.44 | 19.29 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18625 | 18800 | 19125 | | |
| 5 | QPSK | 1 | 0 | 22.45 | 22.57 | 22.32 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.38 | 22.48 | 22.40 | | |
| 5 | QPSK | 1 | 25 | 22.19 | 22.44 | 22.30 | | |
| 5 | QPSK | 12 | 0 | 21.53 | 21.69 | 21.48 | | |
| 5 | QPSK | 12 | 7 | 21.46 | 21.49 | 21.54 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.44 | 21.43 | 21.37 | | |
| 5 | QPSK | 25 | 0 | 21.32 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.55 | 21.64 | 21.52 | | |
| 5 | 16QAM | 1 | 12 | 21.52 | 21.50 | 21.54 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.47 | 21.62 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.58 | 20.59 | 20.50 | | |
| 5 | 16QAM | 12 | 7 | 20.47 | 20.49 | 20.44 | | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.51 | 20.41 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.39 | 20.38 | 20.43 | | |
| 5 | 16QAM | 1 | 0 | 20.55 | 20.53 | 20.33 | | |
| 5 | 16QAM | 1 | 12 | 20.30 | 20.47 | 20.43 | 22 | 2 |
| 5 | 16QAM | 1 | 24 | 20.44 | 20.42 | 20.38 | | |
| 5 | 16QAM | 12 | 0 | 19.63 | 19.64 | 19.64 | | |
| 5 | 16QAM | 12 | 7 | 19.63 | 19.60 | 19.60 | 21 | 3 |
| 5 | 16QAM | 12 | 13 | 19.54 | 19.62 | 19.67 | | |
| 5 | 16QAM | 25 | 0 | 19.33 | 19.46 | 19.25 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18615 | 18800 | 19150 | | |
| 3 | QPSK | 1 | 0 | 22.45 | 22.50 | 22.34 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.39 | 22.43 | 22.38 | | |
| 3 | QPSK | 1 | 14 | 22.20 | 22.39 | 22.27 | | |
| 3 | QPSK | 8 | 0 | 21.47 | 21.67 | 21.52 | | |
| 3 | QPSK | 8 | 4 | 21.45 | 21.49 | 21.54 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.45 | 21.51 | 21.34 | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.46 | 21.35 | | |
| 3 | 16QAM | 1 | 0 | 21.61 | 21.67 | 21.44 | | |
| 3 | 16QAM | 1 | 8 | 21.44 | 21.48 | 21.55 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.57 | 21.56 | | |
| 3 | 16QAM | 8 | 0 | 20.60 | 20.65 | 20.56 | | |
| 3 | 16QAM | 8 | 4 | 20.51 | 20.51 | 20.44 | 22 | 2 |
| 3 | 16QAM | 8 | 7 | 20.38 | 20.56 | 20.33 | | |
| 3 | 16QAM | 15 | 0 | 20.38 | 20.41 | 20.34 | | |
| 3 | 16QAM | 1 | 0 | 20.49 | 20.49 | 20.43 | | |
| 3 | 16QAM | 1 | 8 | 20.30 | 20.48 | 20.42 | 22 | 2 |
| 3 | 16QAM | 1 | 14 | 20.40 | 20.40 | 20.36 | | |
| 3 | 16QAM | 8 | 0 | 19.69 | 19.74 | 19.53 | | |
| 3 | 16QAM | 8 | 4 | 19.51 | 19.62 | 19.59 | 21 | 3 |
| 3 | 16QAM | 8 | 7 | 19.52 | 19.64 | 19.66 | | |
| 3 | 16QAM | 15 | 0 | 19.32 | 19.49 | 19.38 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18570 | 18800 | 19150 | | |
| 1.4 | QPSK | 1 | 0 | 22.50 | 22.49 | 22.34 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.33 | 22.45 | 22.48 | | |
| 1.4 | QPSK | 1 | 5 | 22.30 | 22.32 | 22.30 | | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.52 | 22.44 | | |
| 1.4 | QPSK | 3 | 1 | 22.32 | 22.40 | 22.37 | 23 | 1 |
| 1.4 | QPSK | 3 | 3 | 22.38 | 22.34 | 22.29 | | |
| 1.4 | QPSK | 6 | 0 | 21.31 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.56 | 21.45 | | |
| 1.4 | 16QAM | 1 | 3 | 21.44 | 21.54 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 5 | 21.49 | 21.51 | 21.45 | | |
| 1.4 | 16QAM | 3 | 0 | 21.49 | 21.49 | 21.39 | | |
| 1.4 | 16QAM | 3 | 1 | 21.42 | 21.41 | 21.32 | 21 | 3 |
| 1.4 | 16QAM | 3 | 3 | 21.30 | 21.40 | 21.24 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.49 | 20.39 | 22 | 2 |
| 1.4 | 16QAM | 1 | 0 | 20.48 | 20.55 | 20.42 | | |
| 1.4 | 16QAM | 1 | 3 | 20.41 | 20.40 | 20.35 | | |
| 1.4 | 16QAM | 3 | 5 | 20.37 | 20.52 | 20.34 | 22 | 2 |
| 1.4 | 16QAM | 3 | 0 | 20.55 | 20.59 | 20.40 | | |
| 1.4 | 16QAM | 3 | 1 | 20.50 | 20.50 | 20.53 | | |
| 1.4 | 16QAM | 3 | 3 | 20.55 | 20.64 | 20.52 | | |
| 1.4 | 16QAM | 6 | 0 | 19.29 | 19.51 | 19.28 | 21 | 3 |

Band 4 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 22.52 | 22.52 | 22.41 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.41 | 22.52 | 22.37 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.36 | 22.25 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.60 | 21.55 | | |
| 20 | QPSK | 50 | 24 | 21.37 | 21.52 | 21.43 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 21.34 | 21.45 | 21.40 | | |
| 20 | QPSK | 100 | 0 | 21.42 | 21.51 | 21.41 | | |
| 20 | 16QAM | 1 | 0 | 21.44 | 21.58 | 21.55 | | |
| 20 | 16QAM | 1 | 49 | 21.34 | 21.43 | 21.39 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.33 | 21.44 | 21.32 | | |
| 20 | 16QAM | 50 | 0</ | | | | | |



Band 7 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--------|--|--|
| Channel | | | | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | | | | 2101 | 2139 | 2150 | | |
| 20 | QPSK | 1 | 0 | 23.01 | 23.09 | 23.03 | | | | | |
| 20 | QPSK | 1 | 49 | 22.92 | 22.95 | 22.85 | 24 | 0 | | | |
| 20 | QPSK | 1 | 99 | 22.76 | 22.87 | 22.84 | | | | | |
| 20 | QPSK | 50 | 0 | 22.04 | 22.09 | 21.98 | | | | | |
| 20 | QPSK | 50 | 24 | 21.89 | 21.98 | 21.95 | 23 | 1 | | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.90 | 21.87 | | | | | |
| 20 | QPSK | 100 | 0 | 21.91 | 21.94 | 21.86 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.13 | 21.96 | | | | | |
| 20 | 16QAM | 1 | 49 | 21.91 | 22.01 | 21.91 | 23 | 1 | | | |
| 20 | 16QAM | 1 | 99 | 21.86 | 21.97 | 21.84 | | | | | |
| 20 | 16QAM | 50 | 0 | 21.03 | 21.10 | 21.03 | | | | | |
| 20 | 16QAM | 50 | 24 | 20.94 | 21.07 | 21.01 | | | | | |
| 20 | 16QAM | 50 | 50 | 20.90 | 21.02 | 20.90 | 22 | 2 | | | |
| 20 | 16QAM | 100 | 0 | 20.74 | 20.89 | 20.76 | | | | | |
| 20 | 64QAM | 1 | 0 | 20.94 | 21.05 | 20.95 | | | | | |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.89 | 20.77 | 22 | 2 | | | |
| 20 | 64QAM | 1 | 99 | 20.75 | 20.91 | 20.65 | | | | | |
| 20 | 64QAM | 50 | 0 | 20.03 | 20.07 | 20.00 | | | | | |
| 20 | 64QAM | 50 | 24 | 19.90 | 20.01 | 19.98 | | | | | |
| 20 | 64QAM | 50 | 50 | 19.97 | 20.00 | 19.83 | 21 | 3 | | | |
| 20 | 64QAM | 100 | 0 | 19.80 | 19.87 | 19.81 | | | | | |
| Channel | | | | | | | 20825 | 21100 | 21375 | | |
| Frequency (MHz) | | | | | | | 2075.5 | 2135 | 2162.5 | | |
| 15 | QPSK | 1 | 0 | 22.93 | 22.96 | 22.85 | | | | | |
| 15 | QPSK | 1 | 37 | 22.81 | 22.91 | 22.75 | 24 | 0 | | | |
| 15 | QPSK | 1 | 74 | 22.59 | 22.71 | 22.78 | | | | | |
| 15 | QPSK | 35 | 0 | 22.00 | 22.04 | 21.87 | | | | | |
| 15 | QPSK | 35 | 20 | 21.82 | 21.95 | 21.81 | | | | | |
| 15 | QPSK | 36 | 39 | 21.79 | 21.84 | 21.79 | 23 | 1 | | | |
| 15 | QPSK | 75 | 0 | 21.77 | 21.91 | 21.81 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.00 | 22.08 | 21.80 | | | | | |
| 15 | 16QAM | 1 | 37 | 21.89 | 21.95 | 21.79 | 23 | 1 | | | |
| 15 | 16QAM | 1 | 74 | 21.75 | 21.87 | 21.71 | | | | | |
| 15 | 16QAM | 36 | 0 | 20.98 | 20.94 | 20.92 | | | | | |
| 15 | 16QAM | 36 | 20 | 20.90 | 21.00 | 20.95 | | | | | |
| 15 | 16QAM | 36 | 39 | 20.81 | 20.90 | 20.78 | 22 | 2 | | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.83 | 20.62 | | | | | |
| 15 | 64QAM | 1 | 0 | 20.84 | 20.92 | 20.90 | | | | | |
| 15 | 64QAM | 1 | 37 | 20.61 | 20.86 | 20.71 | 22 | 2 | | | |
| 15 | 64QAM | 1 | 74 | 20.60 | 20.85 | 20.72 | | | | | |
| 15 | 64QAM | 36 | 0 | 19.91 | 20.03 | 19.90 | | | | | |
| 15 | 64QAM | 36 | 20 | 19.83 | 19.94 | 19.82 | | | | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.98 | 19.80 | 21 | 3 | | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 19.76 | 19.73 | | | | | |
| Channel | | | | | | | 20900 | 21100 | 21400 | | |
| Frequency (MHz) | | | | | | | 20905 | 2135 | 2165 | | |
| 10 | QPSK | 1 | 0 | 22.91 | 22.93 | 22.78 | | | | | |
| 10 | QPSK | 1 | 25 | 22.83 | 22.88 | 22.81 | 24 | 0 | | | |
| 10 | QPSK | 1 | 49 | 22.73 | 22.71 | 22.73 | | | | | |
| 10 | QPSK | 25 | 0 | 21.97 | 21.93 | 21.85 | | | | | |
| 10 | QPSK | 25 | 12 | 21.81 | 21.90 | 21.83 | 23 | 1 | | | |
| 10 | QPSK | 25 | 25 | 21.77 | 21.79 | 21.73 | | | | | |
| 10 | QPSK | 50 | 0 | 21.86 | 21.79 | 21.73 | | | | | |
| 10 | 16QAM | 1 | 0 | 21.97 | 22.08 | 21.82 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.90 | 21.82 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 49 | 21.76 | 21.95 | 21.69 | | | | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.98 | 20.99 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.79 | 20.95 | 20.97 | | | | | |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.90 | 20.80 | 22 | 2 | | | |
| 10 | 16QAM | 50 | 0 | 20.66 | 20.75 | 20.60 | | | | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.95 | 20.80 | | | | | |
| 10 | 64QAM | 1 | 25 | 20.63 | 20.75 | 20.74 | 22 | 2 | | | |
| 10 | 64QAM | 1 | 49 | 20.69 | 20.84 | 20.73 | | | | | |
| 10 | 64QAM | 25 | 0 | 19.93 | 20.01 | 19.97 | | | | | |
| 10 | 64QAM | 25 | 12 | 19.75 | 19.94 | 19.94 | | | | | |
| 10 | 64QAM | 25 | 25 | 19.94 | 19.90 | 19.80 | 21 | 3 | | | |
| 10 | 64QAM | 50 | 0 | 19.66 | 19.83 | 19.72 | | | | | |
| Channel | | | | | | | 20775 | 21100 | 21425 | | |
| Frequency (MHz) | | | | | | | 2070.5 | 2135 | 2167.5 | | |
| 5 | QPSK | 1 | 0 | 22.88 | 22.97 | 22.74 | | | | | |
| 5 | QPSK | 1 | 12 | 22.84 | 22.84 | 22.75 | 24 | 0 | | | |
| 5 | QPSK | 1 | 24 | 22.92 | 22.84 | 22.76 | | | | | |
| 5 | QPSK | 12 | 0 | 21.89 | 22.00 | 21.87 | | | | | |
| 5 | QPSK | 12 | 7 | 21.83 | 21.94 | 21.90 | 23 | 1 | | | |
| 5 | QPSK | 12 | 13 | 21.70 | 21.86 | 21.74 | | | | | |
| 5 | QPSK | 25 | 0 | 21.87 | 21.78 | 21.71 | | | | | |
| 5 | 16QAM | 1 | 0 | 21.92 | 22.04 | 21.85 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.85 | 21.95 | 21.88 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 24 | 21.79 | 21.81 | 21.68 | | | | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.00 | 20.90 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.80 | 21.01 | 20.87 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.80 | 20.87 | 20.80 | 22 | 2 | | | |
| 5 | 16QAM | 25 | 0 | 20.64 | 20.73 | 20.70 | | | | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 21.03 | 20.83 | | | | | |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.81 | 20.74 | 22 | 2 | | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.81 | 20.66 | | | | | |
| 5 | 64QAM | 12 | 0 | 19.87 | 19.93 | 19.96 | | | | | |
| 5 | 64QAM | 12 | 7 | 19.95 | 19.87 | 19.86 | | | | | |
| 5 | 64QAM | 12 | 13 | 19.91 | 19.84 | 19.74 | 21 | 3 | | | |
| 5 | 64QAM | 25 | 0 | 19.67 | 19.76 | 19.71 | | | | | |

Band 12 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-------|--|--|
| Channel | | | | | | | 23050 | 23095 | 23130 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 711.5 | | |
| 10 | QPSK | 1 | 0 | 22.69 | 22.73 | 22.63 | | | | | |
| 10 | QPSK | 1 | 25 | 22.49 | 22.61 | 22.51 | 24 | 0 | | | |
| 10 | QPSK | 1 | 49 | 22.55 | 22.57 | 22.50 | | | | | |
| 10 | QPSK | 25 | 0 | 21.57 | 21.59 | 21.55 | | | | | |
| 10 | QPSK | 25 | 12 | 21.44 | 21.54 | 21.41 | 23 | 1 | | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.48 | 21.34 | | | | | |
| 10 | QPSK | 50 | 0 | 21.47 | 21.53 | 21.38 | | | | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.86 | 21.70 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.77 | 21.62 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.74 | 21.63 | | | | | |
| 10 | 16QAM | 25 | 0 | 20.53 | 20.64 | 20.62 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.52 | 20.57 | 20.53 | | | | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.60 | 20.49 | 22 | 2 | | | |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.60 | 20.48 | | | | | |
| 10 | 64QAM | 1 | 0 | 20.65 | 20.80 | 20.68 | | | | | |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.78 | 20.68 | 22 | 2 | | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.64 | | | | | |
| 10 | 64QAM | 25 | 0 | 19.57 | 19.62 | 19.57 | | | | | |
| 10 | 64QAM | 25 | 12 | 19.46 | 19.56 | 19.53 | 21 | 3 | | | |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.52 | 19.42 | | | | | |
| 10 | 64QAM | 50 | 0 | 19.53 | 19.57 | 19.49 | | | | | |
| Channel | | | | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.64 | 22.55 | | | | | |
| 5 | QPSK | 1 | 12 | 22.42 | 22.52 | 22.37 | 24 | 0 | | | |
| 5 | QPSK | 1 | 24 | 22.51 | 22.52 | 22.46 | | | | | |
| 5 | QPSK | 12 | 0 | 21.51 | 21.56 | 21.38 | | | | | |
| 5 | QPSK | 12 | 7 | 21.34 | 21.51 | 21.35 | | | | | |
| 5 | QPSK | 12 | 13 | 21.36 | 21.44 | 21.27 | 23 | 1 | | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.44 | 21.28 | | | | | |
| 5 | 16QAM | 1 | 0 | 21.67 | 21.76 | 21.65 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.61 | 21.58 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 24 | 21.50 | 21.63 | 21.57 | | | | | |
| 5 | 16QAM | 12 | 0 | 20.45 | 20.51 | 20.56 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.36 | 20.51 | 20.38 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.56 | 20.36 | 22 | 2 | | | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.51 | 20.33 | | | | | |
| 5 | 64QAM | 1 | 0 | 20.56 | 20.63 | 20.51 | | | | | |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.74 | 20.59 | 22 | 2 | | | |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.53 | 20.53 | | | | | |
| 5 | 64QAM | 12 | 0 | 19.43 | 19.58 | 19.44 | | | | | |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.44 | 19.43 | 21 | 3 | | | |
| 5 | 64QAM | 12 | 13 | 19.35 | 19.41 | 19.31 | | | | | |
| 5 | 64QAM | 25 | 0 | 19.50 | 19.45 | 19.42 | | | | | |
| Channel | | | | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.66 | 22.70 | 22.60 | | | | | |
| 3 | QPSK | 1 | 8 | 22.43 | 22.55 | 22.35 | 24 | 0 | | | |
| 3 | QPSK | 1 | 14 | 22.46 | 22.45 | 22.45 | | | | | |
| 3 | QPSK | 8 | 0 | 21.46 | 21.53 | 21.40 | | | | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.52 | 21.34 | 23 | 1 | | | |
| 3 | QPSK | 8 | 7 | 21.28 | 21.40 | 21.20 | | | | | |
| 3 | QPSK | 15 | 0 | 21.31 | 21.38 | | | | | | |



Band 17 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.60 | 22.63 | 22.66 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.52 | 22.61 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.52 | 22.38 | | |
| 10 | QPSK | 25 | 0 | 21.43 | 21.56 | 21.52 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.38 | 21.52 | 21.40 | | |
| 10 | QPSK | 25 | 25 | 21.35 | 21.47 | 21.31 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.57 | 21.56 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.72 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.58 | 21.63 | 21.48 | | |
| 10 | 16QAM | 1 | 49 | 21.53 | 21.63 | 21.48 | 22 | 2 |
| 10 | 16QAM | 25 | 0 | 20.44 | 20.57 | 20.51 | | |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.43 | 20.29 | | |
| 10 | 16QAM | 25 | 25 | 20.29 | 20.45 | 20.30 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.50 | 20.54 | 20.50 | | |
| 10 | 64QAM | 1 | 0 | 20.54 | 20.68 | 20.53 | | |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.58 | 20.42 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.54 | 20.58 | 20.56 | | |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.51 | 19.44 | | |
| 10 | 64QAM | 25 | 12 | 19.39 | 19.46 | 19.37 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.27 | 19.37 | 19.26 | | |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.51 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.41 | 22.48 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.39 | 22.23 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.52 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.33 | 21.41 | 21.33 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.43 | 21.25 | | |
| 5 | QPSK | 25 | 0 | 21.42 | 21.48 | 21.37 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.61 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.60 | 21.43 | | |
| 5 | 16QAM | 1 | 24 | 21.37 | 21.47 | 21.32 | 22 | 2 |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.45 | 20.49 | | |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.30 | 20.23 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.32 | 20.27 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.45 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.41 | 20.54 | 20.51 | | |
| 5 | 64QAM | 1 | 12 | 20.49 | 20.41 | 20.37 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.52 | 20.42 | | |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.42 | 19.36 | | |
| 5 | 64QAM | 12 | 7 | 19.28 | 19.32 | 19.20 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.17 | 19.22 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | | |

Band 26 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.72 | 22.75 | 22.70 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.57 | 22.70 | 22.61 | | |
| 15 | QPSK | 1 | 74 | 22.50 | 22.67 | 22.56 | | |
| 15 | QPSK | 36 | 0 | 21.55 | 21.71 | 21.62 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.56 | 21.63 | 21.48 | | |
| 15 | QPSK | 36 | 39 | 21.55 | 21.66 | 21.61 | | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.73 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.78 | 21.72 | | |
| 15 | 16QAM | 1 | 37 | 21.61 | 21.75 | 21.69 | | |
| 15 | 16QAM | 1 | 74 | 21.61 | 21.70 | 21.65 | 22 | 2 |
| 15 | 16QAM | 36 | 0 | 20.50 | 20.61 | 20.57 | | |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.44 | 20.40 | | |
| 15 | 16QAM | 36 | 39 | 20.41 | 20.46 | 20.36 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.68 | 20.64 | | |
| 15 | 64QAM | 1 | 0 | 20.70 | 20.73 | 20.58 | | |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.57 | 20.50 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.55 | 20.59 | 20.45 | | |
| 15 | 64QAM | 36 | 0 | 19.53 | 19.63 | 19.50 | | |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.50 | 19.41 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.53 | 19.57 | 19.52 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.48 | 22.67 | 22.61 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.68 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.57 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.50 | 21.61 | 21.56 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.40 | 21.56 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.63 | 21.52 | | |
| 10 | QPSK | 50 | 0 | 21.59 | 21.67 | 21.51 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.65 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.72 | 21.52 | | |
| 10 | 16QAM | 1 | 49 | 21.57 | 21.56 | 21.52 | 22 | 2 |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.41 | | |
| 10 | 16QAM | 25 | 12 | 20.33 | 20.38 | 20.36 | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.32 | 20.21 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.59 | 20.55 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.59 | 20.64 | 20.48 | | |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.53 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.53 | 20.45 | 20.38 | | |
| 10 | 64QAM | 25 | 0 | 19.47 | 19.49 | 19.47 | | |
| 10 | 64QAM | 25 | 12 | 19.30 | 19.33 | 19.26 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.54 | 19.59 | | |
| 10 | 64QAM | 50 | 0 | 19.50 | 19.54 | 19.59 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.46 | 22.60 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.57 | 22.46 | | |
| 5 | QPSK | 1 | 24 | 22.34 | 22.64 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.44 | 21.63 | 21.54 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.40 | 21.53 | 21.45 | | |
| 5 | QPSK | 12 | 13 | 21.47 | 21.58 | 21.55 | | |
| 5 | QPSK | 25 | 0 | 21.53 | 21.53 | 21.54 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.75 | 21.65 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.62 | 21.60 | | |
| 5 | 16QAM | 1 | 24 | 21.52 | 21.59 | 21.52 | 22 | 2 |
| 5 | 16QAM | 12 | 0 | 20.44 | 20.55 | 20.40 | | |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.27 | 20.31 | | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.34 | 20.22 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.48 | 20.58 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.60 | 20.70 | 20.52 | | |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.59 | 20.40 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.41 | 20.54 | 20.41 | | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.58 | 19.46 | | |
| 5 | 64QAM | 12 | 7 | 19.25 | 19.34 | 19.35 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.38 | 19.48 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.57 | 22.72 | 22.61 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.45 | 22.60 | 22.54 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.60 | 22.50 | | |
| 3 | QPSK | 8 | 0 | 21.50 | 21.57 | 21.58 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.47 | 21.58 | 21.35 | | |
| 3 | QPSK | 8 | 7 | 21.46 | 21.62 | 21.57 | | |
| 3 | QPSK | 15 | 0 | 21.53 | 21.71 | 21.46 | 23 | 1 |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.72 | 21.58 | | |
| 3 | 16QAM | 1 | 8 | 21.53 | 21.70 | 21.62 | | |
| 3 | 16QAM | 1 | 14 | 21.46 | 21.57 | 21.54 | 22 | 2 |
| 3 | 16QAM | 8 | 0 | 20.45 | 20.57 | 20.54 | | |
| 3 | 16QAM | 8 | 4 | 20.23 | 20.36 | 20.28 | | |
| 3 | 16QAM | 8 | 7 | 20.27 | 20.43 | 20.24 | 22 | 2 |
| 3 | 16QAM | 15 | 0 | 20.53 | 20.53 | 20.60 | | |
| 3 | 64QAM | 1 | 0 | 20.54 | 20.57 | 20.53 | | |
| 3 | 64QAM | 1 | 8 | 20.33 | 20.40 | 20.38 | 22 | 2 |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.55 | 20.42 | | |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.54 | 19.33 | | |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.39 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.42 | 19.53 | 19.37 | | |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 22.47 | 22.73 | 22.57 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.43 | 22.61 | 22.45 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.64 | 22.42 | | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.68 | 22.54 | 23 | 1 |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.56 | 22.40 | | |
| 1.4 | QPSK | 3 | 3 | 22.42 | 22.60 | 22.47 | | |
| 1.4 | QPSK | 6 | 0 | 21.58 | 21.62 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.63 | 21.65 | | |
| 1.4 | 16QAM | 1 | 3 | 21.52 | 21.67 | 21.65 | | |
| 1.4 | 16QAM | 1 | 5 | 21.48 | 21.68 | 21.56 | 23 | 1 |
| 1.4 | 16QAM | 3 | 0 | 21.45 | 21.45 | 21.52 | | |
| 1.4 | 16QAM | 3 | 1 | 21.29 | 21.42 | 21.30 | | |
| 1.4 | 16QAM | 3 | 1 | 21.24 | 21.36 | 21.22 | 22 | 2 |
| 1.4 | 16QAM | 6 | 0 | 20.58 | 20.61 | 20.47 | | |
| 1.4 | 64QAM | 1 | 0 | 20.63 | 20.57 | 20.55 | | |
| 1.4 | 64QAM | 1 | 3 | 20.42 | 20.51 | 20.33 | 22 | 2 |
| 1.4 | 64QAM | 1 | 5 | 20.50 | 20.51 | 20.31 | | |
| 1.4 | 64QAM | 3 | 0 | 20.37 | 20.53 | 20.42 | | |
| 1.4 | 64QAM | 3 | 1 | 20.29 | 20.37 | 20.30 | 21 | 3 |
| 1.4 | 64QAM | 3 | 3 | 20.36 | 20.52 | 20.47 | | |
| 1.4 | 64QAM | 6 | 0 | 19.41 | 19.67 | 19.64 | | |

Band 66 Ant0 Default



| Band 38 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2880 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 22.70 | 22.75 | 22.73 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.71 | 22.71 | 22.63 | | | | |
| 20 | QPSK | 1 | 99 | 22.59 | 22.64 | 22.52 | | | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.77 | 21.74 | | | | |
| 20 | QPSK | 50 | 24 | 21.67 | 21.71 | 21.59 | 23 | 1 | | |
| 20 | QPSK | 50 | 50 | 21.63 | 21.69 | 21.55 | | | | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.73 | 21.67 | | | | |
| 20 | 16QAM | 1 | 0 | 21.58 | 21.71 | 21.64 | | | | |
| 20 | 16QAM | 1 | 49 | 21.56 | 21.69 | 21.61 | 23 | 1 | | |
| 20 | 16QAM | 1 | 99 | 21.59 | 21.64 | 21.61 | | | | |
| 20 | 16QAM | 50 | 0 | 20.69 | 20.86 | 20.73 | | | | |
| 20 | 16QAM | 50 | 24 | 20.68 | 20.76 | 20.62 | 22 | 2 | | |
| 20 | 16QAM | 50 | 50 | 20.64 | 20.71 | 20.64 | | | | |
| 20 | 16QAM | 100 | 0 | 20.75 | 20.81 | 20.69 | | | | |
| 20 | 64QAM | 1 | 0 | 21.51 | 21.58 | 21.43 | | | | |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.49 | 21.37 | 22 | 2 | | |
| 20 | 64QAM | 1 | 99 | 21.38 | 21.54 | 21.49 | | | | |
| 20 | 64QAM | 50 | 0 | 19.86 | 19.89 | 19.81 | | | | |
| 20 | 64QAM | 50 | 24 | 19.67 | 19.74 | 19.64 | 21 | 3 | | |
| 20 | 64QAM | 50 | 50 | 19.75 | 19.83 | 19.76 | | | | |
| 20 | 64QAM | 100 | 0 | 19.74 | 19.83 | 19.73 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.63 | 22.71 | 22.56 | 24 | 0 | | |
| 15 | QPSK | 1 | 37 | 22.58 | 22.64 | 22.54 | | | | |
| 15 | QPSK | 1 | 74 | 22.43 | 22.61 | 22.43 | | | | |
| 15 | QPSK | 36 | 0 | 21.49 | 21.64 | 21.53 | 23 | 1 | | |
| 15 | QPSK | 36 | 20 | 21.63 | 21.64 | 21.53 | | | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.61 | 21.43 | | | | |
| 15 | QPSK | 75 | 0 | 21.55 | 21.62 | 21.51 | | | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.65 | 21.60 | | | | |
| 15 | 16QAM | 1 | 37 | 21.51 | 21.53 | 21.53 | 23 | 1 | | |
| 15 | 16QAM | 1 | 74 | 21.56 | 21.61 | 21.56 | | | | |
| 15 | 16QAM | 36 | 0 | 20.65 | 20.71 | 20.65 | 22 | 2 | | |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.73 | 20.58 | | | | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.65 | 20.51 | | | | |
| 15 | 16QAM | 75 | 0 | 20.65 | 20.65 | 20.67 | | | | |
| 15 | 64QAM | 1 | 0 | 21.42 | 21.44 | 21.41 | | | | |
| 15 | 64QAM | 1 | 37 | 21.21 | 21.46 | 21.28 | 22 | 2 | | |
| 15 | 64QAM | 1 | 74 | 21.27 | 21.40 | 21.36 | | | | |
| 15 | 64QAM | 36 | 0 | 19.72 | 19.72 | 19.67 | 21 | 3 | | |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.64 | 19.61 | | | | |
| 15 | 64QAM | 36 | 39 | 19.67 | 19.68 | 19.74 | | | | |
| 15 | 64QAM | 75 | 0 | 19.60 | 19.70 | 19.60 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2675 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.74 | 22.71 | 24 | 0 | | |
| 10 | QPSK | 1 | 25 | 22.56 | 22.73 | 22.63 | | | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.59 | 22.48 | | | | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.64 | 21.61 | 23 | 1 | | |
| 10 | QPSK | 25 | 12 | 21.62 | 21.66 | 21.50 | | | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.55 | 21.38 | | | | |
| 10 | QPSK | 50 | 0 | 21.64 | 21.65 | 21.52 | | | | |
| 10 | 16QAM | 1 | 0 | 21.48 | 21.61 | 21.55 | 23 | 1 | | |
| 10 | 16QAM | 1 | 25 | 21.46 | 21.55 | 21.56 | | | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.47 | 21.57 | | | | |
| 10 | 16QAM | 25 | 0 | 20.52 | 20.69 | 20.59 | 22 | 2 | | |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.64 | 20.59 | | | | |
| 10 | 16QAM | 25 | 25 | 20.59 | 20.68 | 20.50 | | | | |
| 10 | 16QAM | 50 | 0 | 20.72 | 20.78 | 20.54 | | | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.42 | 21.36 | 22 | 2 | | |
| 10 | 64QAM | 1 | 25 | 21.19 | 21.44 | 21.23 | | | | |
| 10 | 64QAM | 1 | 49 | 21.21 | 21.51 | 21.33 | 21 | 3 | | |
| 10 | 64QAM | 25 | 0 | 19.78 | 19.81 | 19.65 | | | | |
| 10 | 64QAM | 25 | 12 | 19.60 | 19.64 | 19.53 | | | | |
| 10 | 64QAM | 25 | 25 | 19.71 | 19.78 | 19.75 | | | | |
| 10 | 64QAM | 50 | 0 | 19.58 | 19.76 | 19.67 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2672.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.73 | 22.66 | 24 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.68 | 22.73 | 22.50 | | | | |
| 5 | QPSK | 1 | 24 | 22.55 | 22.49 | 22.41 | | | | |
| 5 | QPSK | 12 | 0 | 21.43 | 21.66 | 21.58 | 23 | 1 | | |
| 5 | QPSK | 12 | 7 | 21.56 | 21.60 | 21.48 | | | | |
| 5 | QPSK | 12 | 13 | 21.56 | 21.61 | 21.52 | | | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.68 | 21.50 | | | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.66 | 21.49 | 23 | 1 | | |
| 5 | 16QAM | 1 | 12 | 21.48 | 21.65 | 21.45 | | | | |
| 5 | 16QAM | 1 | 24 | 21.48 | 21.51 | 21.51 | 22 | 2 | | |
| 5 | 16QAM | 12 | 0 | 20.60 | 20.79 | 20.59 | | | | |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.60 | 20.55 | | | | |
| 5 | 16QAM | 12 | 13 | 20.55 | 20.65 | 20.50 | | | | |
| 5 | 16QAM | 25 | 0 | 20.72 | 20.73 | 20.66 | 22 | 2 | | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.51 | 21.34 | | | | |
| 5 | 64QAM | 1 | 12 | 21.18 | 21.43 | 21.26 | 22 | 2 | | |
| 5 | 64QAM | 1 | 24 | 21.21 | 21.41 | 21.37 | | | | |
| 5 | 64QAM | 12 | 0 | 19.82 | 19.82 | 19.71 | 21 | 3 | | |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.72 | 19.49 | | | | |
| 5 | 64QAM | 12 | 13 | 19.63 | 19.73 | 19.70 | | | | |
| 5 | 64QAM | 25 | 0 | 19.71 | 19.73 | 19.67 | | | | |

| Band 41 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|----|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.77 | 22.72 | 22.84 | 22.65 | 22.58 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.70 | 22.66 | 22.74 | 22.61 | 22.57 | | |
| 20 | QPSK | 1 | 99 | 22.57 | 22.55 | 22.67 | 22.63 | 22.53 | | |
| 20 | QPSK | 50 | 0 | 21.65 | 21.70 | 21.76 | 21.71 | 21.60 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.56 | 21.65 | 21.71 | 21.61 | 21.56 | | |
| 20 | QPSK | 50 | 50 | 21.67 | 21.61 | 21.70 | 21.63 | 21.58 | | |
| 20 | QPSK | 100 | 0 | 21.65 | 21.57 | 21.73 | 21.68 | 21.63 | | |
| 20 | 16QAM | 1 | 0 | 21.69 | 21.74 | 21.78 | 21.62 | 21.65 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.60 | 21.55 | 21.67 | 21.53 | 21.49 | | |
| 20 | 16QAM | 1 | 99 | 21.49 | 21.51 | 21.67 | 21.55 | 21.59 | | |
| 20 | 16QAM | 50 | 0 | 20.86 | 20.85 | 20.90 | 20.79 | 20.84 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.74 | 20.82 | 20.87 | 20.75 | 20.67 | | |
| 20 | 16QAM | 50 | 50 | 20.78 | 20.82 | 20.78 | 20.75 | 20.65 | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.77 | 20.88 | 20.74 | 20.82 | | |
| 20 | 64QAM | 1 | 0 | 20.53 | 20.48 | 20.62 | 20.45 | 20.50 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.43 | 20.48 | 20.56 | 20.48 | 20.47 | | |
| 20 | 64QAM | 1 | 99 | 20.38 | 20.35 | 20.52 | 20.39 | 20.45 | | |
| 20 | 64QAM | 50 | 0 | 19.84 | 19.75 | 19.87 | 19.82 | 19.71 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.80 | 19.64 | 19.72 | 19.60 | 19.68 | | |
| 20 | 64QAM | 50 | 50 | 19.66 | 19.64 | 19.74 | 19.62 | 19.66 | | |
| 20 | 64QAM | 100 | 0 | 19.78 | 19.72 | 19.84 | 19.70 | 19.82 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.67 | 22.60 | 22.67 | 22.54 | 22.56 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.54 | 22.55 | 22.66 | 22.49 | 22.42 | | |
| 15 | QPSK | 1 | 74 | 22.41 | 22.53 | 22.50 | 22.46 | 22.46 | | |
| 15 | QPSK | 36 | 0 | 21.57 | 21.64 | 21.70 | 21.62 | 21.67 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.44 | 21.56 | 21.60 | 21.57 | 21.46 | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.58 | 21.55 | 21.57 | 21.47 | | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.51 | 21.60 | 21.62 | 21.58 | | |
| 15 | 16QAM | 1 | 0 | 21.58 | 21.65 | 21.69 | 21.59 | 21.63 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.58 | 21.48 | 21.50 | 21.47 | 21.34 | | |



| GSM850 Ant1 Default | | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 33.30 | 24.04 | 24.14 | 24.34 | 24.50 | |
| GSM 1 Tx slot | 33.04 | 33.14 | 33.34 | 33.30 | 24.04 | 24.14 | 24.34 | 24.50 | |
| GPRS 1 Tx slot | 33.11 | 33.21 | 33.37 | 33.30 | 24.11 | 24.21 | 24.37 | 24.50 | |
| GPRS 2 Tx slots | 31.46 | 31.64 | 31.61 | 32.50 | 25.46 | 25.64 | 25.61 | 26.50 | |
| GPRS 3 Tx slots | 29.34 | 29.46 | 29.60 | 30.50 | 25.08 | 25.20 | 25.34 | 26.24 | |
| GPRS 4 Tx slots | 28.52 | 28.55 | 28.45 | 29.50 | 25.52 | 25.55 | 25.45 | 26.50 | |
| EDGE 1 Tx slot | 24.70 | 24.84 | 24.98 | 26.50 | 18.70 | 18.84 | 18.98 | 20.50 | |
| EDGE 2 Tx slots | 22.36 | 22.51 | 22.76 | 24.00 | 18.10 | 18.25 | 18.50 | 19.74 | |
| EDGE 4 Tx slots | 21.06 | 21.10 | 21.31 | 22.50 | 18.06 | 18.10 | 18.31 | 19.50 | |

| GSM1900 Ant1 Default | | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1850 | 1850.8 | 30.50 | 20.07 | 20.52 | 20.34 | 21.50 | |
| GSM 1 Tx slot | 29.47 | 29.52 | 29.54 | 30.50 | 20.07 | 20.52 | 20.34 | 21.50 | |
| GPRS 1 Tx slot | 29.54 | 29.60 | 29.39 | 30.50 | 20.54 | 20.60 | 20.39 | 21.50 | |
| GPRS 2 Tx slots | 28.43 | 28.49 | 28.34 | 29.50 | 22.43 | 22.49 | 22.34 | 23.50 | |
| GPRS 3 Tx slots | 26.50 | 26.54 | 26.32 | 27.50 | 22.24 | 22.28 | 22.06 | 23.24 | |
| GPRS 4 Tx slots | 25.51 | 25.54 | 25.51 | 26.50 | 22.51 | 22.54 | 22.51 | 23.50 | |
| EDGE 1 Tx slot | 24.15 | 24.44 | 24.48 | 25.50 | 16.15 | 16.44 | 16.48 | 18.50 | |
| EDGE 2 Tx slots | 23.24 | 23.39 | 23.62 | 24.50 | 17.24 | 17.39 | 17.62 | 18.50 | |
| EDGE 3 Tx slots | 21.19 | 21.48 | 21.57 | 22.50 | 16.93 | 17.22 | 17.31 | 18.24 | |
| EDGE 4 Tx slots | 20.26 | 20.51 | 20.48 | 21.50 | 17.26 | 17.51 | 17.48 | 18.50 | |

| Band | WCDMA II Ant1 Default | | | | WCDMA IV Ant1 Default | | | | WCDMA V Ant1 Default | | | | |
|-----------------|-----------------------|-------|--------|---------------------------|-----------------------|--------|-------|---------------------------|----------------------|-------|-------|---------------------------|-------|
| | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) | |
| TX Channel | 9552 | 9600 | 9638 | | 1332 | 1413 | 1518 | | 4152 | 4162 | 4233 | | |
| Rx Channel | 9652 | 9690 | 9638 | 1537 | 1638 | 1738 | 4387 | 4407 | 4468 | | | | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 826.4 | 836.4 | 846.6 | | | | |
| 3GPP Rel 99 | AMR 12.2kbps | 22.91 | 23.04 | 23.08 | 24.00 | 22.65 | 22.73 | 22.70 | 24.00 | 23.95 | 24.10 | 23.95 | 25.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 23.09 | 23.15 | 23.14 | 24.00 | 22.68 | 22.86 | 22.80 | 24.00 | 24.38 | 24.39 | 24.36 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.89 | 22.02 | 22.09 | 23.00 | 21.73 | 21.84 | 21.75 | 23.00 | 22.81 | 23.07 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.75 | 22.00 | 21.99 | 23.00 | 21.69 | 21.87 | 21.57 | 23.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.31 | 21.54 | 21.51 | 22.50 | 21.11 | 21.31 | 21.27 | 22.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.30 | 21.60 | 21.65 | 22.50 | 21.27 | 21.35 | 21.28 | 22.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.75 | 22.06 | 22.05 | 23.00 | 21.77 | 21.89 | 21.73 | 23.00 | 22.86 | 23.04 | 22.83 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.81 | 21.93 | 21.95 | 23.00 | 21.89 | 21.77 | 21.68 | 23.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.22 | 21.44 | 21.54 | 22.50 | 21.24 | 21.34 | 20.98 | 22.50 | 22.36 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 21.38 | 21.41 | 21.59 | 22.50 | 21.12 | 21.25 | 21.08 | 22.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.79 | 22.09 | 22.13 | 23.00 | 21.60 | 21.91 | 21.80 | 23.00 | 22.77 | 23.16 | 22.93 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.91 | 20.12 | 20.13 | 21.00 | 19.91 | 19.96 | 19.70 | 21.00 | 20.99 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.77 | 20.93 | 21.04 | 22.00 | 20.81 | 20.82 | 20.73 | 22.00 | 21.95 | 21.96 | 21.86 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.91 | 20.12 | 20.13 | 21.00 | 19.93 | 19.96 | 19.62 | 21.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.96 | 22.17 | 22.08 | 23.00 | 21.64 | 21.97 | 21.73 | 23.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Band 2 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18900 | 19100 | | |
| 20 | QPSK | 1 | 0 | 22.03 | 22.03 | 21.03 | | |
| 20 | QPSK | 1 | 49 | 21.93 | 22.01 | 21.96 | 23 | 0 |
| 20 | QPSK | 1 | 99 | 21.81 | 21.96 | 21.93 | | |
| 20 | QPSK | 50 | 0 | 21.08 | 21.14 | 21.07 | | |
| 20 | QPSK | 50 | 24 | 21.03 | 21.10 | 21.04 | 22 | 1 |
| 20 | QPSK | 50 | 50 | 21.00 | 21.06 | 21.00 | | |
| 20 | QPSK | 100 | 0 | 20.96 | 21.03 | 20.92 | | |
| 20 | 16QAM | 1 | 0 | 21.03 | 21.17 | 21.00 | | |
| 20 | 16QAM | 1 | 49 | 21.05 | 21.08 | 21.06 | 22 | 1 |
| 20 | 16QAM | 1 | 99 | 20.95 | 21.02 | 20.90 | | |
| 20 | 16QAM | 50 | 0 | 19.98 | 20.14 | 20.00 | | |
| 20 | 16QAM | 50 | 24 | 19.90 | 20.02 | 19.89 | 21 | 2 |
| 20 | 16QAM | 50 | 50 | 20.01 | 20.10 | 20.04 | | |
| 20 | 16QAM | 100 | 0 | 19.89 | 20.00 | 19.90 | | |
| 20 | 64QAM | 1 | 0 | 20.00 | 20.11 | 20.03 | | |
| 20 | 64QAM | 1 | 49 | 19.95 | 19.98 | 19.93 | 21 | 2 |
| 20 | 64QAM | 1 | 99 | 19.90 | 19.96 | 19.90 | | |
| 20 | 64QAM | 50 | 0 | 18.90 | 19.16 | 18.90 | | |
| 20 | 64QAM | 50 | 24 | 19.03 | 19.05 | 18.92 | 20 | 3 |
| 20 | 64QAM | 50 | 50 | 19.00 | 19.11 | 19.04 | | |
| 20 | 64QAM | 100 | 0 | 18.87 | 19.02 | 18.91 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18675 | 18900 | 19125 | | |
| 15 | QPSK | 1 | 0 | 22.00 | 22.03 | 21.80 | | |
| 15 | QPSK | 1 | 37 | 21.60 | 21.87 | 21.90 | 23 | 0 |
| 15 | QPSK | 1 | 74 | 21.78 | 21.87 | 21.89 | | |
| 15 | QPSK | 36 | 0 | 20.96 | 21.03 | 20.92 | | |
| 15 | QPSK | 36 | 20 | 20.91 | 21.05 | 20.93 | 22 | 1 |
| 15 | QPSK | 36 | 39 | 20.96 | 21.00 | 20.84 | | |
| 15 | QPSK | 75 | 0 | 20.80 | 21.01 | 20.89 | | |
| 15 | 16QAM | 1 | 0 | 20.98 | 21.11 | 20.88 | | |
| 15 | 16QAM | 1 | 37 | 20.98 | 20.93 | 20.98 | 22 | 1 |
| 15 | 16QAM | 1 | 74 | 20.80 | 20.97 | 20.74 | | |
| 15 | 16QAM | 36 | 0 | 19.90 | 20.02 | 19.92 | | |
| 15 | 16QAM | 36 | 20 | 19.96 | 19.96 | 19.92 | 21 | 2 |
| 15 | 16QAM | 36 | 39 | 19.93 | 19.93 | 19.92 | | |
| 15 | 16QAM | 75 | 0 | 19.80 | 19.89 | 19.85 | | |
| 15 | 64QAM | 1 | 0 | 19.83 | 19.95 | 19.87 | | |
| 15 | 64QAM | 1 | 37 | 19.80 | 19.91 | 19.88 | 21 | 2 |
| 15 | 64QAM | 1 | 74 | 19.83 | 19.88 | 19.76 | | |
| 15 | 64QAM | 36 | 0 | 18.89 | 19.07 | 18.89 | | |
| 15 | 64QAM | 36 | 20 | 18.91 | 18.93 | 18.76 | 20 | 3 |
| 15 | 64QAM | 36 | 39 | 18.90 | 18.91 | 18.87 | | |
| 15 | 64QAM | 75 | 0 | 18.73 | 18.86 | 18.77 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18650 | 18900 | 19150 | | |
| 10 | QPSK | 1 | 0 | 21.96 | 21.92 | 21.85 | | |
| 10 | QPSK | 1 | 25 | 21.87 | 21.90 | 21.81 | 23 | 0 |
| 10 | QPSK | 1 | 49 | 21.68 | 21.84 | 21.77 | | |
| 10 | QPSK | 25 | 0 | 21.03 | 21.00 | 20.91 | | |
| 10 | QPSK | 25 | 12 | 20.87 | 20.98 | 20.95 | 22 | 1 |
| 10 | QPSK | 25 | 25 | 20.84 | 20.97 | 20.95 | | |
| 10 | QPSK | 50 | 0 | 20.85 | 20.92 | 20.85 | | |
| 10 | 16QAM | 1 | 0 | 20.94 | 21.14 | 20.92 | | |
| 10 | 16QAM | 1 | 25 | 20.93 | 20.91 | 20.99 | 22 | 1 |
| 10 | 16QAM | 1 | 49 | 20.79 | 20.88 | 20.87 | | |
| 10 | 16QAM | 25 | 0 | 19.94 | 20.10 | 19.92 | | |
| 10 | 16QAM | 25 | 12 | 19.86 | 19.86 | 19.86 | 21 | 2 |
| 10 | 16QAM | 25 | 25 | 19.88 | 20.03 | 19.95 | | |
| 10 | 16QAM | 50 | 0 | 19.77 | 19.91 | 19.81 | | |
| 10 | 16QAM | 1 | 0 | 19.93 | 20.05 | 19.91 | 21 | 2 |
| 10 | 64QAM | 1 | 25 | 19.90 | 19.85 | 19.82 | | |
| 10 | 64QAM | 1 | 49 | 19.88 | 19.85 | 19.76 | | |
| 10 | 64QAM | 25 | 0 | 18.89 | 19.11 | 18.88 | | |
| 10 | 64QAM | 25 | 12 | 18.86 | 18.93 | 18.89 | 20 | 3 |
| 10 | 64QAM | 25 | 25 | 18.84 | 19.08 | 18.88 | | |
| 10 | 64QAM | 50 | 0 | 18.81 | 18.97 | 18.72 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18625 | 18900 | 19175 | | |
| 5 | QPSK | 1 | 0 | 21.98 | 22.02 | 21.76 | | |
| 5 | QPSK | 1 | 12 | 21.86 | 21.93 | 21.83 | 23 | 0 |
| 5 | QPSK | 1 | 24 | 21.81 | 21.85 | 21.81 | | |
| 5 | QPSK | 12 | 0 | 21.04 | 21.08 | 20.94 | | |
| 5 | QPSK | 12 | 7 | 20.87 | 21.06 | 20.93 | 22 | 1 |
| 5 | QPSK | 12 | 13 | 20.89 | 20.96 | 20.85 | | |
| 5 | QPSK | 25 | 0 | 20.81 | 20.94 | 20.77 | | |
| 5 | 16QAM | 1 | 0 | 20.97 | 21.14 | 20.84 | | |
| 5 | 16QAM | 1 | 12 | 20.92 | 20.92 | 20.99 | 22 | 1 |
| 5 | 16QAM | 1 | 24 | 20.93 | 20.87 | 20.75 | | |
| 5 | 16QAM | 12 | 0 | 19.95 | 20.11 | 19.96 | | |
| 5 | 16QAM | 12 | 7 | 19.81 | 19.87 | 19.82 | 21 | 2 |
| 5 | 16QAM | 12 | 13 | 19.94 | 19.93 | 19.90 | | |
| 5 | 16QAM | 25 | 0 | 19.81 | 19.92 | 19.79 | | |
| 5 | 64QAM | 1 | 0 | 19.89 | 20.00 | 19.94 | | |
| 5 | 64QAM | 1 | 12 | 19.88 | 19.90 | 19.77 | 21 | 2 |
| 5 | 64QAM | 1 | 24 | 19.76 | 19.83 | 19.87 | | |
| 5 | 64QAM | 12 | 0 | 18.83 | 19.01 | 18.93 | | |
| 5 | 64QAM | 12 | 7 | 18.95 | 18.99 | 18.96 | 20 | 3 |
| 5 | 64QAM | 12 | 13 | 18.85 | 19.07 | 19.00 | | |
| 5 | 64QAM | 25 | 0 | 18.73 | 18.97 | 18.79 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18615 | 18900 | 19185 | | |
| 3 | QPSK | 1 | 0 | 21.97 | 22.02 | 21.87 | | |
| 3 | QPSK | 1 | 8 | 21.82 | 21.97 | 21.82 | 23 | 0 |
| 3 | QPSK | 1 | 14 | 21.73 | 21.86 | 21.85 | | |
| 3 | QPSK | 8 | 0 | 21.05 | 21.07 | 20.93 | | |
| 3 | QPSK | 8 | 4 | 20.99 | 21.07 | 20.96 | 22 | 1 |
| 3 | QPSK | 8 | 7 | 20.98 | 20.91 | 20.91 | | |
| 3 | QPSK | 15 | 0 | 20.88 | 20.91 | 20.86 | | |
| 3 | 16QAM | 1 | 0 | 20.93 | 21.14 | 20.90 | | |
| 3 | 16QAM | 1 | 8 | 20.92 | 20.94 | 21.02 | 22 | 1 |
| 3 | 16QAM | 1 | 14 | 20.93 | 20.90 | 20.87 | | |
| 3 | 16QAM | 8 | 0 | 19.83 | 20.10 | 19.84 | | |
| 3 | 16QAM | 8 | 4 | 19.88 | 19.89 | 19.72 | 21 | 2 |
| 3 | 16QAM | 8 | 7 | 19.96 | 20.06 | 19.93 | | |
| 3 | 16QAM | 15 | 0 | 19.79 | 19.96 | 19.86 | | |
| 3 | 64QAM | 1 | 0 | 19.92 | 20.03 | 19.92 | | |
| 3 | 64QAM | 1 | 8 | 19.80 | 19.83 | 19.79 | 21 | 2 |
| 3 | 64QAM | 1 | 14 | 19.83 | 19.87 | 19.82 | | |
| 3 | 64QAM | 8 | 0 | 18.83 | 19.10 | 18.92 | | |
| 3 | 64QAM | 8 | 4 | 18.95 | 18.92 | 18.79 | 20 | 3 |
| 3 | 64QAM | 8 | 7 | 18.84 | 19.06 | 18.91 | | |
| 3 | 64QAM | 15 | 0 | 18.79 | 18.89 | 18.78 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18570 | 18900 | 19030 | | |
| 1.4 | QPSK | 1 | 0 | 21.89 | 21.97 | 21.82 | | |
| 1.4 | QPSK | 1 | 3 | 21.77 | 21.85 | 21.79 | 23 | 0 |
| 1.4 | QPSK | 1 | 5 | 21.73 | 21.86 | 21.83 | | |
| 1.4 | QPSK | 3 | 0 | 21.95 | 21.97 | 21.97 | | |
| 1.4 | QPSK | 3 | 1 | 21.97 | 22.01 | 22.00 | 22 | 1 |
| 1.4 | QPSK | 3 | 3 | 21.95 | 22.03 | 21.88 | | |
| 1.4 | QPSK | 6 | 0 | 20.86 | 20.92 | 20.84 | | |
| 1.4 | 16QAM | 1 | 0 | 20.92 | 21.14 | 20.83 | | |
| 1.4 | 16QAM | 1 | 3 | 20.83 | 21.03 | 20.93 | 22 | 1 |
| 1.4 | 16QAM | 1 | 5 | 20.88 | 20.88 | 20.81 | | |
| 1.4 | 16QAM | 3 | 0 | 20.86 | 21.11 | 20.93 | | |
| 1.4 | 16QAM | 3 | 1 | 20.78 | 20.97 | 20.84 | 21 | 2 |
| 1.4 | 16QAM | 3 | 3 | 20.87 | 21.02 | 21.02 | | |
| 1.4 | 16QAM | 6 | 0 | 19.85 | 19.87 | 19.74 | 21 | 2 |
| 1.4 | 64QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | | |
| 1.4 | 64QAM | 1 | 3 | 19.82 | 19.90 | 19.91 | | |
| 1.4 | 64QAM | 1 | 5 | 19.86 | 19.96 | 19.76 | 21 | 2 |
| 1.4 | 64QAM | 3 | 0 | 19.94 | 20.10 | 19.97 | | |
| 1.4 | 64QAM | 3 | 1 | 19.99 | 19.97 | 19.85 | | |
| 1.4 | 64QAM | 3 | 3 | 19.93 | 20.00 | 19.97 | | |
| 1.4 | 64QAM | 6 | 0 | 18.74 | 18.88 | 18.82 | 20 | 3 |

Band 4 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 21.74 | 21.93 | 21.77 | | |
| 20 | QPSK | 1 | 49 | 21.77 | 21.85 | 21.79 | 23 | 0 |
| 20 | QPSK | 1 | 99 | 21.83 | 21.91 | 21.80 | | |
| 20 | QPSK | 50 | 0 | 20.85 | 21.00 | 20.89 | | |
| 20 | QPSK | 50 | 24 | 20.85 | 20.87 | 20.72 | 22 | 1 |
| 20 | QPSK | 50 | 50 | 20.79 | 20.95 | 20.81 | | |
| 20 | QPSK | 100 | 0 | 20.83 | 20.91 | 20.88 | | |
| 20 | 16QAM | 1 | 0 | 20.90 | 21.03 | 20.98 | | |
| 20 | 16QAM | 1 | 49 | 20.89 | 20.91 | 20.95 | 22 | 1 |
| 20 | 16QAM | 1 | 99 | 20.84 | 20.91 | 20.84 | | |
| 20 | 16QAM | 50 | | | | | | |



Band 7 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--------|--|--|
| Channel | | | | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 22.52 | 22.57 | 22.63 | 24 | 0 | | | |
| 20 | QPSK | 1 | 49 | 22.35 | 22.47 | 22.38 | | | | | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.30 | 22.28 | | | | | |
| 20 | QPSK | 50 | 0 | 21.51 | 21.53 | 21.40 | 23 | 1 | | | |
| 20 | QPSK | 50 | 24 | 21.28 | 21.45 | 21.32 | | | | | |
| 20 | QPSK | 50 | 50 | 21.46 | 21.48 | 21.39 | | | | | |
| 20 | QPSK | 100 | 0 | 21.39 | 21.43 | 21.29 | 23 | 1 | | | |
| 20 | 16QAM | 1 | 0 | 21.51 | 21.55 | 21.39 | | | | | |
| 20 | 16QAM | 1 | 49 | 21.33 | 21.41 | 21.32 | | | | | |
| 20 | 16QAM | 1 | 99 | 21.31 | 21.43 | 21.30 | 22 | 2 | | | |
| 20 | 16QAM | 50 | 0 | 20.47 | 20.50 | 20.44 | | | | | |
| 20 | 16QAM | 50 | 24 | 20.41 | 20.45 | 20.37 | | | | | |
| 20 | 16QAM | 50 | 50 | 20.37 | 20.39 | 20.30 | 22 | 2 | | | |
| 20 | 16QAM | 100 | 0 | 20.26 | 20.37 | 20.22 | | | | | |
| 20 | 84QAM | 1 | 0 | 20.35 | 20.45 | 20.42 | | | | | |
| 20 | 84QAM | 1 | 49 | 20.26 | 20.37 | 20.34 | 22 | 2 | | | |
| 20 | 84QAM | 1 | 99 | 20.25 | 20.33 | 20.24 | | | | | |
| 20 | 84QAM | 50 | 0 | 19.45 | 19.52 | 19.36 | | | | | |
| 20 | 84QAM | 50 | 24 | 19.31 | 19.36 | 19.29 | 21 | 3 | | | |
| 20 | 84QAM | 50 | 50 | 19.45 | 19.49 | 19.44 | | | | | |
| 20 | 84QAM | 100 | 0 | 19.31 | 19.40 | 19.34 | | | | | |
| Channel | | | | | | | 20825 | 21100 | 21375 | | |
| Frequency (MHz) | | | | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.35 | 22.44 | 22.26 | 24 | 0 | | | |
| 15 | QPSK | 1 | 37 | 22.26 | 22.43 | 22.35 | | | | | |
| 15 | QPSK | 1 | 74 | 22.09 | 22.27 | 22.23 | | | | | |
| 15 | QPSK | 38 | 0 | 21.43 | 21.38 | 21.23 | 23 | 1 | | | |
| 15 | QPSK | 38 | 20 | 21.17 | 21.41 | 21.22 | | | | | |
| 15 | QPSK | 38 | 39 | 21.37 | 21.41 | 21.35 | | | | | |
| 15 | QPSK | 75 | 0 | 21.27 | 21.28 | 21.20 | 23 | 1 | | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.41 | 21.29 | | | | | |
| 15 | 16QAM | 1 | 37 | 21.19 | 21.36 | 21.22 | | | | | |
| 15 | 16QAM | 1 | 74 | 21.28 | 21.32 | 21.25 | 22 | 2 | | | |
| 15 | 16QAM | 36 | 0 | 20.43 | 20.44 | 20.30 | | | | | |
| 15 | 16QAM | 36 | 20 | 20.30 | 20.35 | 20.28 | | | | | |
| 15 | 16QAM | 36 | 39 | 20.20 | 20.33 | 20.19 | 22 | 2 | | | |
| 15 | 16QAM | 75 | 0 | 20.23 | 20.28 | 20.17 | | | | | |
| 15 | 84QAM | 1 | 0 | 20.21 | 20.30 | 20.38 | | | | | |
| 15 | 84QAM | 1 | 37 | 20.16 | 20.30 | 20.21 | 22 | 2 | | | |
| 15 | 84QAM | 1 | 74 | 20.19 | 20.18 | 20.16 | | | | | |
| 15 | 84QAM | 36 | 0 | 19.29 | 19.43 | 19.31 | | | | | |
| 15 | 84QAM | 36 | 20 | 19.22 | 19.26 | 19.19 | 21 | 3 | | | |
| 15 | 84QAM | 36 | 39 | 19.36 | 19.42 | 19.36 | | | | | |
| 15 | 84QAM | 75 | 0 | 19.27 | 19.23 | 19.27 | | | | | |
| Channel | | | | | | | 20800 | 21100 | 21400 | | |
| Frequency (MHz) | | | | | | | 2502.5 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.23 | 22.35 | 22.19 | 24 | 0 | | | |
| 10 | QPSK | 1 | 25 | 22.22 | 22.39 | 22.24 | | | | | |
| 10 | QPSK | 1 | 49 | 22.22 | 22.27 | 22.23 | | | | | |
| 10 | QPSK | 25 | 0 | 21.45 | 21.49 | 21.36 | 23 | 1 | | | |
| 10 | QPSK | 25 | 12 | 21.16 | 21.32 | 21.20 | | | | | |
| 10 | QPSK | 25 | 25 | 21.41 | 21.45 | 21.32 | | | | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.33 | 21.19 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 0 | 21.47 | 21.39 | 21.35 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.28 | 21.24 | 21.19 | | | | | |
| 10 | 16QAM | 1 | 49 | 21.23 | 21.26 | 21.26 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 0 | 20.44 | 20.39 | 20.41 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.31 | 20.41 | 20.26 | | | | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.22 | 20.16 | 22 | 2 | | | |
| 10 | 16QAM | 50 | 0 | 20.15 | 20.27 | 20.14 | | | | | |
| 10 | 84QAM | 1 | 0 | 20.31 | 20.34 | 20.26 | | | | | |
| 10 | 84QAM | 1 | 25 | 20.14 | 20.29 | 20.31 | 22 | 2 | | | |
| 10 | 84QAM | 1 | 49 | 20.09 | 20.21 | 20.20 | | | | | |
| 10 | 84QAM | 25 | 0 | 19.38 | 19.41 | 19.25 | | | | | |
| 10 | 84QAM | 25 | 12 | 19.23 | 19.21 | 19.21 | 21 | 3 | | | |
| 10 | 84QAM | 25 | 25 | 19.43 | 19.34 | 19.41 | | | | | |
| 10 | 84QAM | 50 | 0 | 19.17 | 19.28 | 19.18 | | | | | |
| Channel | | | | | | | 20775 | 21100 | 21425 | | |
| Frequency (MHz) | | | | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.36 | 22.47 | 22.27 | 24 | 0 | | | |
| 5 | QPSK | 1 | 12 | 22.30 | 22.31 | 22.27 | | | | | |
| 5 | QPSK | 1 | 24 | 22.17 | 22.19 | 22.20 | | | | | |
| 5 | QPSK | 12 | 0 | 21.34 | 21.42 | 21.29 | 23 | 1 | | | |
| 5 | QPSK | 12 | 7 | 21.16 | 21.39 | 21.28 | | | | | |
| 5 | QPSK | 12 | 13 | 21.35 | 21.43 | 21.35 | | | | | |
| 5 | QPSK | 25 | 0 | 21.36 | 21.28 | 21.18 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 0 | 21.43 | 21.44 | 21.24 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.25 | 21.28 | 21.27 | | | | | |
| 5 | 16QAM | 1 | 24 | 21.25 | 21.33 | 21.17 | 22 | 2 | | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.38 | 20.36 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.28 | 20.32 | 20.25 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.25 | 20.29 | 20.27 | 22 | 2 | | | |
| 5 | 16QAM | 25 | 0 | 20.23 | 20.35 | 20.19 | | | | | |
| 5 | 84QAM | 1 | 0 | 20.20 | 20.31 | 20.40 | | | | | |
| 5 | 84QAM | 1 | 12 | 20.12 | 20.22 | 20.18 | 22 | 2 | | | |
| 5 | 84QAM | 1 | 24 | 20.14 | 20.18 | 20.16 | | | | | |
| 5 | 84QAM | 12 | 0 | 19.32 | 19.47 | 19.32 | | | | | |
| 5 | 84QAM | 12 | 7 | 19.24 | 19.32 | 19.27 | 21 | 3 | | | |
| 5 | 84QAM | 12 | 13 | 19.37 | 19.33 | 19.29 | | | | | |
| 5 | 84QAM | 25 | 0 | 19.22 | 19.34 | 19.22 | | | | | |

Band 12 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-------|--|--|
| Channel | | | | | | | 23050 | 23095 | 23130 | | |
| Frequency (MHz) | | | | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.52 | 22.57 | 22.56 | 24 | 0 | | | |
| 10 | QPSK | 1 | 25 | 22.28 | 22.45 | 22.32 | | | | | |
| 10 | QPSK | 1 | 49 | 22.44 | 22.50 | 22.43 | | | | | |
| 10 | QPSK | 25 | 0 | 21.45 | 21.56 | 21.40 | 23 | 1 | | | |
| 10 | QPSK | 25 | 12 | 21.50 | 21.54 | 21.38 | | | | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.47 | 21.41 | | | | | |
| 10 | QPSK | 50 | 0 | 21.43 | 21.53 | 21.50 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 0 | 21.26 | 21.42 | 21.33 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.31 | 21.37 | 21.25 | | | | | |
| 10 | 16QAM | 1 | 49 | 21.24 | 21.30 | 21.25 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 0 | 20.33 | 20.47 | 20.30 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.35 | 20.42 | 20.34 | | | | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.38 | 20.25 | 22 | 2 | | | |
| 10 | 16QAM | 50 | 0 | 20.46 | 20.50 | 20.44 | | | | | |
| 10 | 84QAM | 1 | 0 | 20.28 | 20.39 | 20.35 | | | | | |
| 10 | 84QAM | 1 | 25 | 20.24 | 20.34 | 20.27 | 22 | 2 | | | |
| 10 | 84QAM | 1 | 49 | 20.25 | 20.28 | 20.19 | | | | | |
| 10 | 84QAM | 25 | 0 | 19.40 | 19.42 | 19.40 | | | | | |
| 10 | 84QAM | 25 | 12 | 19.16 | 19.28 | 19.18 | 21 | 3 | | | |
| 10 | 84QAM | 25 | 25 | 19.21 | 19.38 | 19.35 | | | | | |
| 10 | 84QAM | 50 | 0 | 19.41 | 19.46 | 19.32 | | | | | |
| Channel | | | | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.54 | 22.42 | 24 | 0 | | | |
| 5 | QPSK | 1 | 12 | 22.18 | 22.29 | 22.19 | | | | | |
| 5 | QPSK | 1 | 24 | 22.47 | 22.42 | 22.43 | | | | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.53 | 21.31 | 23 | 1 | | | |
| 5 | QPSK | 12 | 7 | 21.48 | 21.50 | 21.33 | | | | | |
| 5 | QPSK | 12 | 13 | 21.35 | 21.43 | 21.29 | | | | | |
| 5 | QPSK | 25 | 0 | 21.27 | 21.46 | 21.47 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.25 | 21.25 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.21 | 21.22 | | | | | |
| 5 | 16QAM | 1 | 24 | 21.20 | 21.24 | 21.13 | 22 | 2 | | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.34 | 20.20 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.20 | 20.33 | 20.26 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.26 | 20.25 | 20.21 | 22 | 2 | | | |
| 5 | 16QAM | 25 | 0 | 20.38 | 20.41 | 20.36 | | | | | |
| 5 | 84QAM | 1 | 0 | 20.22 | 20.35 | 20.27 | | | | | |
| 5 | 84QAM | 1 | 12 | 20.15 | 20.24 | 20.24 | 22 | 2 | | | |
| 5 | 84QAM | 1 | 24 | 20.11 | 20.25 | 20.22 | | | | | |
| 5 | 84QAM | 12 | 0 | 19.27 | 19.30 | 19.25 | | | | | |
| 5 | 84QAM | 12 | 7 | 19.13 | 19.20 | 19.02 | 21 | 3 | | | |
| 5 | 84QAM | 12 | 13 | 19.30 | 19.23 | 19.23 | | | | | |
| 5 | 84QAM | 25 | 0 | 19.30 | 19.32 | 19.15 | | | | | |
| Channel | | | | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.27 | 22.49 | 22.50 | 24 | 0 | | | |
| 3 | QPSK | 1 | 8 | 22.15 | 22.40 | 22.27 | | | | | |
| 3 | QPSK | 1 | 14 | 22.47 | 22.51 | 22.45 | | | | | |
| 3 | QPSK | 8 | 0 | 21.31 | 21.47 | 21.27 | 23 | 1 | | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.50 | 21.27 | | | | | |
| 3 | QPSK | 8 | 7 | 21.38 | 21.38 | 21.32 | | | | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.46 | 21.47 | 23 | 1 | | | |
| 3 | 16QAM | 1 | 0 | 21.20 | 21.27 | 21.27 | | | | | |
| 3 | 16QAM | 1 | 8 | 21.19 | 21.27 | 21.11 | | | | | |
| 3 | 16QAM | 1 | 14 | 21.11 | 21.15 | 21.21 | 22 | 2 | | | |
| 3 | 16QAM | 8 | 0 | 20.30 | 20.32 | 20.23 | | | | | |
| 3 | 16QAM | 8 | 4 | 20.25 | 20.36 | 20.18 | | | | | |
| 3 | 16QAM | 8 | 7 | 20.20 | 20.33 | 20.13 | 22 | 2 | | | |
| 3 | 16QAM | 15 | 0 | 20.39 | 20.42 | 20.40 | | | | | |



| Band 17 Ant1 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.58 | 22.52 | | | |
| 10 | QPSK | 1 | 25 | 22.21 | 22.37 | 22.22 | 24 | 0 | |
| 10 | QPSK | 1 | 49 | 22.37 | 22.51 | 22.45 | | | |
| 10 | QPSK | 25 | 0 | 21.44 | 21.50 | 21.44 | | | |
| 10 | QPSK | 25 | 12 | 21.30 | 21.37 | 21.24 | 23 | 1 | |
| 10 | QPSK | 25 | 25 | 21.32 | 21.45 | 21.33 | | | |
| 10 | QPSK | 50 | 0 | 21.41 | 21.54 | 21.51 | | | |
| 10 | 16QAM | 1 | 0 | 21.39 | 21.53 | 21.44 | | | |
| 10 | 16QAM | 1 | 25 | 21.39 | 21.41 | 21.26 | 23 | 1 | |
| 10 | 16QAM | 1 | 49 | 21.31 | 21.41 | 21.30 | | | |
| 10 | 16QAM | 25 | 0 | 20.45 | 20.48 | 20.33 | | | |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.35 | 20.18 | 22 | 2 | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.42 | 20.35 | | | |
| 10 | 16QAM | 50 | 0 | 20.41 | 20.55 | 20.45 | | | |
| 10 | 64QAM | 1 | 0 | 20.33 | 20.42 | 20.31 | | | |
| 10 | 64QAM | 1 | 25 | 20.31 | 20.34 | 20.31 | 22 | 2 | |
| 10 | 64QAM | 1 | 49 | 20.22 | 20.38 | 20.22 | | | |
| 10 | 64QAM | 25 | 0 | 19.20 | 19.45 | 19.41 | | | |
| 10 | 64QAM | 25 | 12 | 19.31 | 19.36 | 19.29 | 21 | 3 | |
| 10 | 64QAM | 25 | 25 | 19.18 | 19.30 | 19.23 | | | |
| 10 | 64QAM | 50 | 0 | 19.41 | 19.52 | 19.37 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.49 | 22.31 | | | |
| 5 | QPSK | 1 | 12 | 22.06 | 22.33 | 22.06 | 24 | 0 | |
| 5 | QPSK | 1 | 24 | 22.29 | 22.47 | 22.36 | | | |
| 5 | QPSK | 12 | 0 | 21.41 | 21.42 | 21.37 | | | |
| 5 | QPSK | 12 | 7 | 21.15 | 21.29 | 21.08 | 23 | 1 | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.30 | 21.25 | | | |
| 5 | QPSK | 25 | 0 | 21.30 | 21.48 | 21.49 | | | |
| 5 | 16QAM | 1 | 0 | 21.30 | 21.48 | 21.38 | | | |
| 5 | 16QAM | 1 | 12 | 21.29 | 21.26 | 21.23 | 23 | 1 | |
| 5 | 16QAM | 1 | 24 | 21.16 | 21.31 | 21.16 | | | |
| 5 | 16QAM | 12 | 0 | 20.39 | 20.34 | 20.30 | | | |
| 5 | 16QAM | 12 | 7 | 20.13 | 20.27 | 20.07 | 22 | 2 | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.35 | 20.29 | | | |
| 5 | 16QAM | 25 | 0 | 20.31 | 20.48 | 20.36 | | | |
| 5 | 64QAM | 1 | 0 | 20.29 | 20.28 | 20.26 | | | |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.21 | 20.27 | 22 | 2 | |
| 5 | 64QAM | 1 | 24 | 20.18 | 20.27 | 20.13 | | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.42 | 19.32 | | | |
| 5 | 64QAM | 12 | 7 | 19.21 | 19.21 | 19.14 | 21 | 3 | |
| 5 | 64QAM | 12 | 13 | 18.11 | 19.27 | 19.19 | | | |
| 5 | 64QAM | 25 | 0 | 19.23 | 19.42 | 19.20 | | | |

| Band 26 for FCC Ant1 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.55 | 23.51 | | | |
| 15 | QPSK | 1 | 37 | 23.37 | 23.41 | 23.28 | 24 | 0 | |
| 15 | QPSK | 1 | 74 | 23.21 | 23.25 | 23.19 | | | |
| 15 | QPSK | 36 | 0 | 22.24 | 22.38 | 22.31 | | | |
| 15 | QPSK | 36 | 20 | 22.15 | 22.30 | 22.19 | 23 | 1 | |
| 15 | QPSK | 36 | 39 | 22.22 | 22.32 | 22.29 | | | |
| 15 | QPSK | 75 | 0 | 22.36 | 22.41 | 22.24 | | | |
| 15 | 16QAM | 1 | 0 | 22.37 | 22.53 | 22.48 | | | |
| 15 | 16QAM | 1 | 37 | 22.33 | 22.40 | 22.33 | 23 | 1 | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.47 | 22.40 | | | |
| 15 | 16QAM | 36 | 0 | 21.24 | 21.37 | 21.25 | | | |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.28 | 21.21 | 22 | 2 | |
| 15 | 16QAM | 36 | 39 | 21.22 | 21.30 | 21.22 | | | |
| 15 | 16QAM | 75 | 0 | 21.26 | 21.34 | 21.30 | | | |
| 15 | 64QAM | 1 | 0 | 21.34 | 21.48 | 21.46 | | | |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.38 | 21.23 | 22 | 2 | |
| 15 | 64QAM | 1 | 74 | 21.26 | 21.32 | 21.26 | | | |
| 15 | 64QAM | 36 | 0 | 20.23 | 20.33 | 20.26 | | | |
| 15 | 64QAM | 36 | 20 | 20.13 | 20.27 | 20.22 | 21 | 3 | |
| 15 | 64QAM | 36 | 39 | 20.15 | 20.23 | 20.16 | | | |
| 15 | 64QAM | 75 | 0 | 20.25 | 20.29 | 20.23 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.24 | 23.41 | 23.24 | | | |
| 10 | QPSK | 1 | 25 | 23.35 | 23.35 | 23.23 | 24 | 0 | |
| 10 | QPSK | 1 | 49 | 23.14 | 23.19 | 23.15 | | | |
| 10 | QPSK | 25 | 0 | 22.11 | 22.35 | 22.24 | | | |
| 10 | QPSK | 25 | 12 | 22.06 | 22.21 | 22.12 | 23 | 1 | |
| 10 | QPSK | 25 | 25 | 22.11 | 22.23 | 22.16 | | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.33 | 22.17 | | | |
| 10 | 16QAM | 1 | 0 | 22.22 | 22.42 | 22.46 | | | |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.33 | 22.27 | 23 | 1 | |
| 10 | 16QAM | 1 | 49 | 22.37 | 22.37 | 22.37 | | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.28 | 21.10 | | | |
| 10 | 16QAM | 25 | 12 | 21.17 | 21.34 | 21.08 | 22 | 2 | |
| 10 | 16QAM | 25 | 25 | 21.15 | 21.23 | 21.14 | | | |
| 10 | 16QAM | 50 | 0 | 21.20 | 21.26 | 21.20 | | | |
| 10 | 64QAM | 1 | 0 | 21.32 | 21.36 | 21.41 | | | |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.28 | 21.10 | 22 | 2 | |
| 10 | 64QAM | 1 | 49 | 21.19 | 21.16 | 21.23 | | | |
| 10 | 64QAM | 25 | 0 | 20.16 | 20.17 | 20.11 | | | |
| 10 | 64QAM | 25 | 12 | 20.09 | 20.14 | 20.15 | 21 | 3 | |
| 10 | 64QAM | 25 | 25 | 20.06 | 20.16 | 20.07 | | | |
| 10 | 64QAM | 50 | 0 | 20.14 | 20.14 | 20.15 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.32 | 23.31 | 23.18 | | | |
| 5 | QPSK | 1 | 12 | 23.30 | 23.39 | 23.24 | 24 | 0 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.10 | 23.13 | | | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.27 | 22.24 | | | |
| 5 | QPSK | 12 | 7 | 22.08 | 22.24 | 22.07 | 23 | 1 | |
| 5 | QPSK | 12 | 13 | 22.18 | 22.20 | 22.18 | | | |
| 5 | QPSK | 25 | 0 | 22.27 | 22.34 | 22.10 | | | |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.45 | 22.45 | | | |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.26 | 23 | 1 | |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.43 | 22.32 | | | |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.21 | 21.20 | | | |
| 5 | 16QAM | 12 | 7 | 21.18 | 21.18 | 21.05 | 22 | 2 | |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.15 | 21.10 | | | |
| 5 | 16QAM | 25 | 0 | 21.18 | 21.26 | 21.23 | | | |
| 5 | 64QAM | 1 | 0 | 21.31 | 21.46 | 21.29 | | | |
| 5 | 64QAM | 1 | 12 | 21.22 | 21.34 | 21.09 | 22 | 2 | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.22 | 21.16 | | | |
| 5 | 64QAM | 12 | 0 | 20.18 | 20.23 | 20.23 | | | |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.25 | 20.14 | 21 | 3 | |
| 5 | 64QAM | 12 | 13 | 20.06 | 20.12 | 20.14 | | | |
| 5 | 64QAM | 25 | 0 | 20.08 | 20.24 | 20.17 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.29 | 23.41 | 23.18 | | | |
| 3 | QPSK | 1 | 8 | 23.26 | 23.24 | 23.18 | 24 | 0 | |
| 3 | QPSK | 1 | 14 | 23.13 | 23.09 | 23.13 | | | |
| 3 | QPSK | 8 | 0 | 22.18 | 22.34 | 22.21 | | | |
| 3 | QPSK | 8 | 4 | 22.03 | 22.23 | 22.13 | 23 | 1 | |
| 3 | QPSK | 8 | 7 | 22.10 | 22.16 | 22.17 | | | |
| 3 | QPSK | 15 | 0 | 22.32 | 22.25 | 22.16 | | | |
| 3 | 16QAM | 1 | 0 | 22.30 | 22.42 | 22.37 | | | |
| 3 | 16QAM | 1 | 8 | 22.31 | 22.33 | 22.21 | 23 | 1 | |
| 3 | 16QAM | 1 | 14 | 22.35 | 22.42 | 22.38 | | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.34 | 21.21 | | | |
| 3 | 16QAM | 8 | 4 | 21.17 | 21.21 | 21.07 | 22 | 2 | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.16 | 21.11 | | | |
| 3 | 16QAM | 15 | 0 | 21.17 | 21.24 | 21.22 | | | |
| 3 | 64QAM | 1 | 0 | 21.30 | 21.46 | 21.34 | | | |
| 3 | 64QAM | 1 | 8 | 21.26 | 21.23 | 21.14 | 22 | 2 | |
| 3 | 64QAM | 1 | 14 | 21.12 | 21.18 | 21.18 | | | |
| 3 | 64QAM | 8 | 0 | 20.06 | 20.29 | 20.19 | | | |
| 3 | 64QAM | 8 | 4 | 20.06 | 20.14 | 20.16 | 21 | 3 | |
| 3 | 64QAM | 8 | 7 | 20.04 | 20.19 | 20.08 | | | |
| 3 | 64QAM | 15 | 0 | 20.12 | 20.21 | 20.10 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.33 | 23.43 | 23.14 | | | |
| 1.4 | QPSK | 1 | 3 | 23.31 | 23.33 | 23.17 | 24 | 0 | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.16 | 23.11 | | | |
| 1.4 | QPSK | 3 | 0 | 23.16 | 23.35 | 23.28 | | | |
| 1.4 | QPSK | 3 | 1 | 23.11 | 23.28 | 23.05 | 23 | 1 | |
| 1.4 | QPSK | 3 | 2 | 23.10 | 23.24 | 23.15 | | | |
| 1.4 | QPSK | 6 | 0 | 22.32 | | | | | |



| Band 38 Ant1 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 21.96 | 22.10 | 21.86 | 23 | 0 | | |
| 20 | QPSK | 1 | 49 | 21.94 | 22.00 | 21.97 | | | | |
| 20 | QPSK | 1 | 99 | 21.81 | 21.87 | 21.84 | | | | |
| 20 | QPSK | 50 | 0 | 20.91 | 20.95 | 20.81 | 22 | 1 | | |
| 20 | QPSK | 50 | 24 | 20.86 | 20.91 | 20.82 | | | | |
| 20 | QPSK | 50 | 50 | 20.89 | 20.82 | 20.72 | | | | |
| 20 | QPSK | 100 | 0 | 20.75 | 20.88 | 20.77 | | | | |
| 20 | 16QAM | 1 | 0 | 20.81 | 20.96 | 20.80 | 22 | 1 | | |
| 20 | 16QAM | 1 | 49 | 20.81 | 20.85 | 20.70 | | | | |
| 20 | 16QAM | 1 | 99 | 20.66 | 20.82 | 20.68 | | | | |
| 20 | 16QAM | 50 | 0 | 20.02 | 20.12 | 20.10 | 21 | 2 | | |
| 20 | 16QAM | 50 | 24 | 19.97 | 20.07 | 19.98 | | | | |
| 20 | 16QAM | 50 | 50 | 19.87 | 19.95 | 19.83 | | | | |
| 20 | 16QAM | 100 | 0 | 19.95 | 20.04 | 19.98 | | | | |
| 20 | 64QAM | 1 | 0 | 19.63 | 19.78 | 19.64 | 21 | 2 | | |
| 20 | 64QAM | 1 | 49 | 19.55 | 19.69 | 19.53 | | | | |
| 20 | 64QAM | 1 | 99 | 19.72 | 19.76 | 19.67 | | | | |
| 20 | 64QAM | 50 | 0 | 18.91 | 19.08 | 18.99 | 20 | 3 | | |
| 20 | 64QAM | 50 | 24 | 18.87 | 18.97 | 18.85 | | | | |
| 20 | 64QAM | 50 | 50 | 18.81 | 18.95 | 18.80 | | | | |
| 20 | 64QAM | 100 | 0 | 18.88 | 19.00 | 18.84 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 21.86 | 21.96 | 21.82 | 23 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.83 | 21.94 | 21.88 | | | | |
| 15 | QPSK | 1 | 74 | 21.70 | 21.72 | 21.81 | | | | |
| 15 | QPSK | 36 | 0 | 20.87 | 20.85 | 20.84 | 22 | 1 | | |
| 15 | QPSK | 36 | 20 | 20.83 | 20.76 | 20.75 | | | | |
| 15 | QPSK | 36 | 39 | 20.61 | 20.79 | 20.59 | | | | |
| 15 | QPSK | 75 | 0 | 20.64 | 20.84 | 20.73 | | | | |
| 15 | 16QAM | 1 | 0 | 20.69 | 20.86 | 20.72 | 22 | 1 | | |
| 15 | 16QAM | 1 | 37 | 20.73 | 20.78 | 20.56 | | | | |
| 15 | 16QAM | 1 | 74 | 20.53 | 20.68 | 20.58 | | | | |
| 15 | 16QAM | 36 | 0 | 19.98 | 19.97 | 19.93 | 21 | 2 | | |
| 15 | 16QAM | 36 | 20 | 19.81 | 19.99 | 19.94 | | | | |
| 15 | 16QAM | 36 | 39 | 19.89 | 19.88 | 19.85 | | | | |
| 15 | 16QAM | 75 | 0 | 19.85 | 19.98 | 19.84 | | | | |
| 15 | 64QAM | 1 | 0 | 19.59 | 19.71 | 19.51 | 21 | 2 | | |
| 15 | 64QAM | 1 | 37 | 19.52 | 19.55 | 19.48 | | | | |
| 15 | 64QAM | 1 | 74 | 19.64 | 19.63 | 19.65 | | | | |
| 15 | 64QAM | 36 | 0 | 18.96 | 18.93 | 18.93 | 20 | 3 | | |
| 15 | 64QAM | 36 | 20 | 18.77 | 18.82 | 18.71 | | | | |
| 15 | 64QAM | 36 | 39 | 18.70 | 18.89 | 18.66 | | | | |
| 15 | 64QAM | 75 | 0 | 18.79 | 18.84 | 18.77 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 21.80 | 21.96 | 21.83 | 23 | 0 | | |
| 10 | QPSK | 1 | 25 | 21.84 | 21.91 | 21.87 | | | | |
| 10 | QPSK | 1 | 49 | 21.68 | 21.81 | 21.68 | | | | |
| 10 | QPSK | 25 | 0 | 20.82 | 20.88 | 20.71 | 22 | 1 | | |
| 10 | QPSK | 25 | 12 | 20.82 | 20.89 | 20.74 | | | | |
| 10 | QPSK | 25 | 25 | 20.55 | 20.78 | 20.56 | | | | |
| 10 | QPSK | 50 | 0 | 20.65 | 20.74 | 20.74 | | | | |
| 10 | 16QAM | 1 | 0 | 20.77 | 20.88 | 20.67 | 22 | 1 | | |
| 10 | 16QAM | 1 | 25 | 20.77 | 20.73 | 20.57 | | | | |
| 10 | 16QAM | 1 | 49 | 20.56 | 20.74 | 20.58 | | | | |
| 10 | 16QAM | 25 | 0 | 19.98 | 20.02 | 20.00 | 21 | 2 | | |
| 10 | 16QAM | 25 | 12 | 19.86 | 19.94 | 19.82 | | | | |
| 10 | 16QAM | 25 | 25 | 19.78 | 19.95 | 19.86 | | | | |
| 10 | 16QAM | 50 | 0 | 19.92 | 19.88 | 19.81 | | | | |
| 10 | 64QAM | 1 | 0 | 19.55 | 19.76 | 19.59 | 21 | 2 | | |
| 10 | 64QAM | 1 | 25 | 19.47 | 19.60 | 19.51 | | | | |
| 10 | 64QAM | 1 | 49 | 19.62 | 19.68 | 19.62 | | | | |
| 10 | 64QAM | 25 | 0 | 18.88 | 19.00 | 18.96 | 20 | 3 | | |
| 10 | 64QAM | 25 | 12 | 18.75 | 18.94 | 18.88 | | | | |
| 10 | 64QAM | 25 | 25 | 18.74 | 18.91 | 18.74 | | | | |
| 10 | 64QAM | 50 | 0 | 18.83 | 18.83 | 18.80 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 21.93 | 22.00 | 21.79 | 23 | 0 | | |
| 5 | QPSK | 1 | 12 | 21.89 | 21.85 | 21.94 | | | | |
| 5 | QPSK | 1 | 24 | 21.68 | 21.79 | 21.75 | | | | |
| 5 | QPSK | 12 | 0 | 20.76 | 20.88 | 20.67 | 22 | 1 | | |
| 5 | QPSK | 12 | 7 | 20.79 | 20.78 | 20.65 | | | | |
| 5 | QPSK | 12 | 13 | 20.64 | 20.67 | 20.56 | | | | |
| 5 | QPSK | 25 | 0 | 20.61 | 20.74 | 20.70 | | | | |
| 5 | 16QAM | 1 | 0 | 20.74 | 20.83 | 20.63 | 22 | 1 | | |
| 5 | 16QAM | 1 | 12 | 20.70 | 20.72 | 20.56 | | | | |
| 5 | 16QAM | 1 | 24 | 20.55 | 20.72 | 20.55 | | | | |
| 5 | 16QAM | 12 | 0 | 19.88 | 20.02 | 19.94 | 21 | 2 | | |
| 5 | 16QAM | 12 | 7 | 19.83 | 19.97 | 19.87 | | | | |
| 5 | 16QAM | 12 | 13 | 19.83 | 19.95 | 19.79 | | | | |
| 5 | 16QAM | 25 | 0 | 19.84 | 19.95 | 19.95 | | | | |
| 5 | 64QAM | 1 | 0 | 19.58 | 19.72 | 19.58 | 21 | 2 | | |
| 5 | 64QAM | 1 | 12 | 19.46 | 19.66 | 19.43 | | | | |
| 5 | 64QAM | 1 | 24 | 19.61 | 19.60 | 19.51 | | | | |
| 5 | 64QAM | 12 | 0 | 18.83 | 19.01 | 18.90 | 20 | 3 | | |
| 5 | 64QAM | 12 | 7 | 18.83 | 18.85 | 18.75 | | | | |
| 5 | 64QAM | 12 | 13 | 18.82 | 18.90 | 18.73 | | | | |
| 5 | 64QAM | 25 | 0 | 18.86 | 18.89 | 18.77 | | | | |

| Band 41 Ant1 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 22.11 | 22.05 | 22.14 | 23 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.05 | 22.02 | 22.09 | | | | |
| 20 | QPSK | 1 | 99 | 21.80 | 21.85 | 21.97 | | | | |
| 20 | QPSK | 50 | 0 | 21.02 | 20.98 | 21.08 | 22 | 1 | | |
| 20 | QPSK | 50 | 24 | 20.87 | 20.91 | 21.01 | | | | |
| 20 | QPSK | 50 | 50 | 20.95 | 20.88 | 21.04 | | | | |
| 20 | QPSK | 100 | 0 | 21.01 | 21.01 | 21.06 | | | | |
| 20 | 16QAM | 1 | 0 | 21.06 | 21.09 | 21.13 | 22 | 1 | | |
| 20 | 16QAM | 1 | 49 | 20.96 | 21.05 | 21.10 | | | | |
| 20 | 16QAM | 1 | 99 | 21.05 | 20.90 | 21.06 | | | | |
| 20 | 16QAM | 50 | 0 | 20.24 | 20.16 | 20.26 | 21 | 2 | | |
| 20 | 16QAM | 50 | 24 | 20.01 | 20.08 | 20.11 | | | | |
| 20 | 16QAM | 50 | 50 | 19.97 | 19.92 | 19.16 | | | | |
| 20 | 16QAM | 100 | 0 | 20.14 | 20.09 | 20.17 | | | | |
| 20 | 64QAM | 1 | 0 | 19.77 | 19.90 | 19.94 | 21 | 2 | | |
| 20 | 64QAM | 1 | 49 | 19.69 | 19.73 | 19.80 | | | | |
| 20 | 64QAM | 1 | 99 | 19.84 | 19.71 | 19.77 | | | | |
| 20 | 64QAM | 50 | 0 | 19.20 | 19.17 | 19.24 | 20 | 3 | | |
| 20 | 64QAM | 50 | 24 | 19.12 | 18.96 | 19.09 | | | | |
| 20 | 64QAM | 50 | 50 | 19.07 | 19.02 | 19.16 | | | | |
| 20 | 64QAM | 100 | 0 | 19.16 | 19.06 | 19.19 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 22.01 | 21.99 | 22.10 | 23 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.89 | 21.98 | 22.05 | | | | |
| 15 | QPSK | 1 | 74 | 21.76 | 21.75 | 21.91 | | | | |
| 15 | QPSK | 36 | 0 | 20.92 | 20.86 | 20.92 | 22 | 1 | | |
| 15 | QPSK | 36 | 20 | 20.83 | 20.78 | 20.84 | | | | |
| 15 | QPSK | 36 | 39 | 20.83 | 20.78 | 20.88 | | | | |
| 15 | QPSK | 75 | 0 | 20.90 | 20.85 | 21.02 | | | | |
| 15 | 16QAM | 1 | 0 | 20.98 | 20.97 | 21.06 | 22 | 1 | | |
| 15 | 16QAM | 1 | 37 | 20.83 | 20.96 | 20.98 | | | | |
| 15 | 16QAM | 1 | 74 | 20.98 | 20.79 | 20.96 | | | | |
| 15 | 16QAM | 36 | 0 | 20.92 | 20.92 | 20.92 | 21 | 2 | | |
| 15 | 16QAM | 36 | 20 | 19.93 | 19.99 | 20.09 | | | | |
| 15 | 16QAM | 36 | 39 | 20.00 | 19.99 | 20.08 | | | | |
| 15 | 16QAM | 75 | 0 | | | | | | | |



Part27Q Band 42 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 23.02 | 23.20 | 23.09 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 23.12 | 23.15 | 23.01 | | |
| 20 | QPSK | 1 | 99 | 23.04 | 23.08 | 23.04 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.22 | 22.17 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 22.02 | 22.17 | 22.12 | | |
| 20 | QPSK | 50 | 50 | 22.09 | 22.13 | 22.07 | | |
| 20 | QPSK | 100 | 0 | 22.06 | 22.16 | 22.13 | 23 | 1 |
| 20 | 16QAM | 1 | 0 | 22.03 | 22.19 | 22.13 | | |
| 20 | 16QAM | 1 | 49 | 21.95 | 22.02 | 22.00 | | |
| 20 | 16QAM | 1 | 99 | 21.92 | 22.06 | 21.89 | 22 | 2 |
| 20 | 16QAM | 50 | 0 | 21.06 | 21.22 | 21.12 | | |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.17 | 21.09 | | |
| 20 | 16QAM | 50 | 50 | 20.99 | 21.14 | 21.00 | 22 | 2 |
| 20 | 16QAM | 100 | 0 | 21.00 | 21.16 | 21.07 | | |
| 20 | 64QAM | 1 | 0 | 20.81 | 20.89 | 20.73 | | |
| 20 | 64QAM | 1 | 49 | 20.83 | 20.79 | 20.62 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.77 | 20.83 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.24 | 20.20 | | |
| 20 | 64QAM | 50 | 24 | 20.01 | 20.16 | 20.13 | 21 | 3 |
| 20 | 64QAM | 50 | 50 | 19.99 | 20.08 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 20.11 | 20.28 | 20.22 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 22.95 | 23.15 | 23.05 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 23.07 | 22.99 | 22.90 | | |
| 15 | QPSK | 1 | 74 | 22.90 | 22.99 | 22.89 | | |
| 15 | QPSK | 36 | 0 | 22.03 | 22.11 | 22.09 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.91 | 22.12 | 21.96 | | |
| 15 | QPSK | 36 | 39 | 22.04 | 21.98 | 21.97 | | |
| 15 | QPSK | 75 | 0 | 21.90 | 22.05 | 22.10 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 22.00 | 22.17 | 22.05 | | |
| 15 | 16QAM | 1 | 37 | 21.80 | 21.88 | 21.87 | | |
| 15 | 16QAM | 1 | 74 | 21.81 | 22.02 | 21.85 | 22 | 2 |
| 15 | 16QAM | 36 | 0 | 21.02 | 21.09 | 20.97 | | |
| 15 | 16QAM | 36 | 20 | 20.97 | 21.12 | 21.03 | | |
| 15 | 16QAM | 36 | 39 | 20.88 | 21.07 | 20.84 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.91 | 21.12 | 20.90 | | |
| 15 | 64QAM | 1 | 0 | 20.64 | 20.78 | 20.63 | | |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.66 | 20.46 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.71 | 20.77 | 20.55 | | |
| 15 | 64QAM | 36 | 0 | 19.98 | 20.15 | 20.08 | | |
| 15 | 64QAM | 36 | 20 | 19.92 | 20.10 | 20.10 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.85 | 20.05 | 19.91 | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 20.18 | 20.10 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 22.93 | 23.10 | 22.96 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 23.09 | 23.09 | 22.90 | | |
| 10 | QPSK | 1 | 49 | 23.00 | 23.00 | 22.87 | | |
| 10 | QPSK | 25 | 0 | 22.10 | 22.17 | 22.10 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.99 | 22.12 | 22.03 | | |
| 10 | QPSK | 25 | 25 | 22.03 | 21.99 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 22.01 | 22.02 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.94 | 22.09 | 22.02 | | |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.95 | 21.95 | | |
| 10 | 16QAM | 1 | 49 | 21.78 | 22.00 | 21.75 | 22 | 2 |
| 10 | 16QAM | 25 | 0 | 21.03 | 21.18 | 21.02 | | |
| 10 | 16QAM | 25 | 12 | 20.98 | 21.05 | 21.04 | | |
| 10 | 16QAM | 25 | 25 | 20.83 | 21.04 | 20.88 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.90 | 21.13 | 20.93 | | |
| 10 | 64QAM | 1 | 0 | 20.66 | 20.85 | 20.70 | | |
| 10 | 64QAM | 1 | 25 | 20.65 | 20.74 | 20.59 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.67 | 20.75 | 20.54 | | |
| 10 | 64QAM | 25 | 0 | 20.00 | 20.10 | 20.09 | | |
| 10 | 64QAM | 25 | 12 | 19.90 | 20.00 | 20.09 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.87 | 19.99 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.08 | 20.21 | 20.06 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.16 | 23.02 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 23.00 | 23.07 | 22.92 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 22.99 | 22.99 | | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.09 | 22.06 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.92 | 22.08 | 22.02 | | |
| 5 | QPSK | 12 | 13 | 22.04 | 22.01 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.99 | 22.07 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.96 | 22.14 | 22.05 | | |
| 5 | 16QAM | 1 | 12 | 21.79 | 21.91 | 21.90 | | |
| 5 | 16QAM | 1 | 24 | 21.78 | 22.02 | 21.83 | 22 | 2 |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.11 | 20.98 | | |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.08 | 21.00 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.07 | 20.97 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.97 | 21.09 | 20.96 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.82 | 20.60 | | |
| 5 | 64QAM | 1 | 12 | 20.47 | 20.64 | 20.56 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.72 | 20.69 | 20.62 | | |
| 5 | 64QAM | 12 | 0 | 20.08 | 20.19 | 20.05 | | |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.09 | 20.01 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.85 | 19.97 | 19.88 | | |
| 5 | 64QAM | 25 | 0 | 19.98 | 20.20 | 20.15 | | |



Reduced Power Mode for DS12

| GSM850 Ant0 Default | | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.6 | 824.2 | 836.4 | 848.6 | | | |
| GSM 1 Tx slot | 32.83 | 32.85 | 32.80 | 33.50 | 23.63 | 23.85 | 23.80 | 24.50 | |
| GPRS 1 Tx slots | 32.25 | 32.98 | 32.89 | 33.50 | 23.93 | 23.98 | 23.85 | 24.50 | |
| GPRS 2 Tx slots | 31.33 | 31.98 | 31.55 | 32.50 | 25.53 | 25.38 | 25.55 | 26.50 | |
| GPRS 3 Tx slots | 29.16 | 29.24 | 29.21 | 30.50 | 24.00 | 24.98 | 24.95 | 26.24 | |
| GPRS 4 Tx slots | 27.98 | 28.21 | 28.13 | 29.50 | 24.98 | 25.21 | 25.13 | 26.50 | |
| EDGE 1 Tx slot | 25.89 | 25.98 | 26.05 | 27.00 | 16.89 | 16.96 | 17.05 | 18.00 | |
| EDGE 2 Tx slots | 23.57 | 24.07 | 24.74 | 25.00 | 18.57 | 18.67 | 18.74 | 20.00 | |
| EDGE 3 Tx slots | 22.24 | 22.44 | 22.38 | 23.50 | 17.98 | 18.18 | 18.12 | 19.24 | |
| EDGE 4 Tx slots | 20.82 | 20.98 | 20.94 | 22.00 | 17.82 | 17.98 | 17.94 | 19.00 | |

| GSM1900 Ant0 Default | | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|--------|-------|---------------------------|--|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | 1850.2 | 1860 | 1909.8 | | | |
| GSM 1 Tx slot | 29.81 | 29.67 | 29.55 | 30.50 | 20.81 | 20.67 | 20.55 | 21.50 | |
| GPRS 1 Tx slot | 29.87 | 29.72 | 29.69 | 30.50 | 20.87 | 20.72 | 20.69 | 21.50 | |
| GPRS 2 Tx slots | 28.92 | 28.72 | 28.66 | 29.50 | 22.92 | 22.72 | 22.66 | 23.50 | |
| GPRS 3 Tx slots | 26.86 | 26.67 | 26.57 | 27.50 | 22.60 | 22.41 | 22.31 | 23.24 | |
| GPRS 4 Tx slots | 25.54 | 25.62 | 25.43 | 26.50 | 22.54 | 22.62 | 22.43 | 23.50 | |
| EDGE 1 Tx slot | 25.04 | 24.97 | 24.86 | 26.00 | 18.04 | 18.97 | 18.86 | 17.00 | |
| EDGE 2 Tx slots | 24.11 | 24.01 | 23.87 | 25.00 | 18.11 | 18.01 | 17.87 | 19.00 | |
| EDGE 3 Tx slots | 22.18 | 22.11 | 22.01 | 23.00 | 17.92 | 17.85 | 17.75 | 18.74 | |
| EDGE 4 Tx slots | 21.19 | 21.14 | 21.03 | 22.00 | 18.19 | 18.14 | 18.03 | 19.00 | |

| Band | WCDMA II Ant0 Default | | | Tune-up Limit (dBm) | WCDMA IV Ant0 Default | | | Tune-up Limit (dBm) | WCDMA V Ant0 Default | | | |
|-------------------------------|-----------------------|-------|--------|---------------------------|-----------------------|--------|-------|---------------------------|----------------------|-------|-------|-------|
| | 9252 | 9490 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| TX Channel | 9692 | 9590 | 9683 | 1597 | 1633 | 1798 | 4357 | 4407 | 4458 | | | |
| Frequency (MHz) | 1852.4 | 1860 | 1907.8 | 1732.4 | 1732.6 | 1752.6 | 856.4 | 838.4 | 866.6 | | | |
| 3GPP Rel 99 AMR 12.2kbps | 23.25 | 23.29 | 23.21 | 25.00 | 23.12 | 23.23 | 23.14 | 25.00 | 23.18 | 23.27 | 23.22 | 25.00 |
| 3GPP Rel 99 RMC 12.2kbps | 23.30 | 23.35 | 23.22 | 25.00 | 23.20 | 23.27 | 23.26 | 25.00 | 23.36 | 23.38 | 23.28 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.18 | 22.37 | 22.34 | 24.00 | 22.07 | 22.36 | 22.18 | 24.00 | 22.22 | 22.54 | 22.11 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.17 | 22.33 | 22.34 | 24.00 | 22.05 | 22.21 | 22.12 | 24.00 | 22.25 | 22.33 | 22.22 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 21.53 | 21.79 | 21.85 | 23.50 | 21.57 | 21.73 | 21.90 | 23.50 | 21.63 | 21.78 | 21.84 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 21.70 | 21.84 | 21.95 | 23.50 | 21.65 | 21.75 | 21.91 | 23.50 | 21.61 | 21.88 | 21.77 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 22.05 | 22.32 | 22.39 | 24.00 | 22.03 | 22.26 | 22.17 | 24.00 | 22.22 | 22.27 | 22.15 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 22.02 | 22.28 | 22.38 | 24.00 | 22.03 | 22.23 | 22.25 | 24.00 | 22.05 | 22.35 | 22.13 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 21.58 | 21.78 | 21.83 | 23.50 | 21.53 | 21.78 | 21.68 | 23.50 | 21.58 | 21.84 | 21.66 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 21.63 | 21.78 | 21.92 | 23.50 | 21.62 | 21.79 | 21.78 | 23.50 | 21.68 | 21.79 | 21.63 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 22.12 | 22.95 | 22.32 | 24.00 | 22.06 | 22.38 | 22.19 | 24.00 | 22.19 | 22.36 | 22.33 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 20.12 | 20.37 | 20.40 | 22.00 | 20.09 | 20.29 | 20.30 | 22.00 | 20.17 | 20.33 | 20.16 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 21.24 | 21.34 | 21.48 | 23.00 | 21.01 | 21.12 | 21.25 | 23.00 | 21.20 | 21.34 | 21.18 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 20.31 | 20.53 | 20.46 | 22.00 | 20.16 | 20.35 | 20.33 | 22.00 | 20.12 | 20.35 | 20.29 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 22.30 | 22.39 | 22.31 | 24.00 | 22.19 | 22.34 | 22.25 | 24.00 | 22.20 | 22.44 | 22.40 | 24.00 |



Band 2 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|----|---|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 1870 | 1900 | 1910 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 2246 | 2253 | 2255 | | | | |
| 20 | QPSK | 1 | 99 | 2246 | 2247 | 2245 | | | | |
| 20 | QPSK | 50 | 0 | 21.63 | 21.74 | 21.61 | | | | |
| 20 | QPSK | 50 | 24 | 21.52 | 21.63 | 21.57 | 23 | 1 | | |
| 20 | QPSK | 50 | 50 | 21.52 | 21.55 | 21.47 | | | | |
| 20 | QPSK | 100 | 0 | 21.41 | 21.58 | 21.43 | | | | |
| 20 | 16QAM | 1 | 0 | 21.64 | 21.72 | 21.59 | | | | |
| 20 | 16QAM | 1 | 49 | 21.55 | 21.64 | 21.27 | 23 | 1 | | |
| 20 | 16QAM | 1 | 99 | 21.60 | 21.66 | 21.60 | | | | |
| 20 | 16QAM | 50 | 0 | 20.70 | 20.76 | 20.65 | | | | |
| 20 | 16QAM | 50 | 24 | 20.59 | 20.61 | 20.53 | | | | |
| 20 | 16QAM | 50 | 50 | 20.48 | 20.64 | 20.48 | 22 | 2 | | |
| 20 | 16QAM | 100 | 0 | 20.50 | 20.54 | 20.49 | | | | |
| 20 | 16QAM | 1 | 0 | 20.60 | 20.63 | 20.50 | | | | |
| 20 | 16QAM | 1 | 49 | 20.44 | 20.56 | 20.51 | | | | |
| 20 | 16QAM | 1 | 99 | 20.39 | 20.37 | 20.42 | 22 | 2 | | |
| 20 | 16QAM | 50 | 0 | 19.75 | 19.80 | 19.67 | | | | |
| 20 | 16QAM | 50 | 24 | 19.67 | 19.72 | 19.70 | | | | |
| 20 | 16QAM | 50 | 50 | 19.69 | 19.77 | 19.72 | | | | |
| 20 | 16QAM | 100 | 0 | 19.43 | 19.56 | 19.40 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 1875 | 1890 | 1915 | | | 24 | 0 |
| 15 | QPSK | 1 | 37 | 2237 | 2251 | 2246 | | | | |
| 15 | QPSK | 1 | 74 | 2221 | 2242 | 2238 | | | | |
| 15 | QPSK | 35 | 0 | 21.51 | 21.71 | 21.53 | | | | |
| 15 | QPSK | 35 | 20 | 21.38 | 21.48 | 21.55 | 23 | 1 | | |
| 15 | QPSK | 35 | 39 | 21.43 | 21.44 | 21.37 | | | | |
| 15 | QPSK | 75 | 0 | 21.37 | 21.45 | 21.33 | | | | |
| 15 | 16QAM | 1 | 0 | 21.60 | 21.68 | 21.48 | | | | |
| 15 | 16QAM | 1 | 37 | 21.49 | 21.48 | 21.53 | 23 | 1 | | |
| 15 | 16QAM | 1 | 74 | 21.54 | 21.59 | 21.55 | | | | |
| 15 | 16QAM | 35 | 0 | 20.62 | 20.63 | 20.62 | | | | |
| 15 | 16QAM | 35 | 20 | 20.37 | 20.39 | 20.47 | | | | |
| 15 | 16QAM | 35 | 39 | 20.34 | 20.55 | 20.43 | 22 | 2 | | |
| 15 | 16QAM | 75 | 0 | 20.35 | 20.47 | 20.42 | | | | |
| 15 | 16QAM | 1 | 0 | 20.44 | 20.55 | 20.47 | | | | |
| 15 | 16QAM | 1 | 37 | 20.29 | 20.45 | 20.35 | | | | |
| 15 | 16QAM | 1 | 74 | 20.42 | 20.48 | 20.39 | 22 | 2 | | |
| 15 | 16QAM | 35 | 0 | 19.63 | 19.73 | 19.60 | | | | |
| 15 | 16QAM | 35 | 20 | 19.54 | 19.63 | 19.68 | | | | |
| 15 | 16QAM | 35 | 39 | 19.38 | 19.74 | 19.63 | | | | |
| 15 | 16QAM | 75 | 0 | 19.34 | 19.43 | 19.27 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 1855 | 1880 | 1905 | | | 24 | 0 |
| 10 | QPSK | 1 | 25 | 2234 | 2248 | 2251 | | | | |
| 10 | QPSK | 1 | 49 | 2227 | 2244 | 2236 | | | | |
| 10 | QPSK | 25 | 0 | 21.51 | 21.66 | 21.50 | | | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.57 | 21.47 | 23 | 1 | | |
| 10 | QPSK | 25 | 25 | 21.39 | 21.46 | 21.38 | | | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.41 | 21.39 | | | | |
| 10 | 16QAM | 1 | 0 | 21.55 | 21.66 | 21.54 | | | | |
| 10 | 16QAM | 1 | 25 | 21.50 | 21.48 | 21.45 | 23 | 1 | | |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.50 | 21.54 | | | | |
| 10 | 16QAM | 25 | 0 | 20.58 | 20.71 | 20.80 | | | | |
| 10 | 16QAM | 25 | 12 | 20.45 | 20.53 | 20.43 | | | | |
| 10 | 16QAM | 25 | 25 | 20.45 | 20.59 | 20.45 | 22 | 2 | | |
| 10 | 16QAM | 50 | 0 | 20.42 | 20.43 | 20.44 | | | | |
| 10 | 16QAM | 50 | 1 | 20.55 | 20.52 | 20.42 | | | | |
| 10 | 16QAM | 1 | 0 | 21.59 | 20.41 | 20.44 | | | | |
| 10 | 16QAM | 1 | 49 | 20.44 | 20.49 | 20.30 | 22 | 2 | | |
| 10 | 16QAM | 25 | 0 | 19.65 | 19.64 | 19.52 | | | | |
| 10 | 16QAM | 25 | 12 | 19.64 | 19.65 | 19.66 | | | | |
| 10 | 16QAM | 25 | 25 | 19.63 | 19.72 | 19.62 | | | | |
| 10 | 16QAM | 50 | 0 | 19.30 | 19.44 | 19.29 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 1825 | 1890 | 1915 | | | 24 | 0 |
| 5 | QPSK | 1 | 12 | 2238 | 2248 | 2240 | | | | |
| 5 | QPSK | 1 | 24 | 2219 | 2244 | 2230 | | | | |
| 5 | QPSK | 12 | 0 | 21.53 | 21.69 | 21.48 | | | | |
| 5 | QPSK | 12 | 7 | 21.46 | 21.49 | 21.54 | 23 | 1 | | |
| 5 | QPSK | 12 | 13 | 21.44 | 21.43 | 21.37 | | | | |
| 5 | QPSK | 25 | 0 | 21.32 | 21.44 | 21.36 | | | | |
| 5 | 16QAM | 1 | 0 | 21.55 | 21.64 | 21.52 | | | | |
| 5 | 16QAM | 1 | 12 | 21.52 | 21.50 | 21.54 | 23 | 1 | | |
| 5 | 16QAM | 1 | 24 | 21.47 | 21.52 | 21.58 | | | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.69 | 20.59 | | | | |
| 5 | 16QAM | 12 | 7 | 20.47 | 20.49 | 20.44 | | | | |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.51 | 20.41 | 22 | 2 | | |
| 5 | 16QAM | 25 | 0 | 20.39 | 20.38 | 20.43 | | | | |
| 5 | 16QAM | 1 | 0 | 20.55 | 20.53 | 20.33 | | | | |
| 5 | 16QAM | 1 | 12 | 20.30 | 20.47 | 20.43 | | | | |
| 5 | 16QAM | 1 | 24 | 20.44 | 20.42 | 20.38 | 22 | 2 | | |
| 5 | 16QAM | 12 | 0 | 19.63 | 19.64 | 19.64 | | | | |
| 5 | 16QAM | 12 | 7 | 19.58 | 19.63 | 19.60 | | | | |
| 5 | 16QAM | 12 | 13 | 19.54 | 19.62 | 19.67 | | | | |
| 5 | 16QAM | 25 | 0 | 19.33 | 19.46 | 19.25 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 1851 | 1880 | 1908 | | | 24 | 0 |
| 3 | QPSK | 1 | 8 | 2239 | 2243 | 2238 | | | | |
| 3 | QPSK | 1 | 14 | 2220 | 2239 | 2227 | | | | |
| 3 | QPSK | 8 | 0 | 21.47 | 21.67 | 21.52 | | | | |
| 3 | QPSK | 8 | 4 | 21.45 | 21.49 | 21.54 | 23 | 1 | | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.51 | 21.34 | | | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.46 | 21.35 | | | | |
| 3 | 16QAM | 1 | 0 | 21.61 | 21.67 | 21.44 | | | | |
| 3 | 16QAM | 1 | 8 | 21.44 | 21.48 | 21.55 | 23 | 1 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.57 | 21.66 | | | | |
| 3 | 16QAM | 8 | 0 | 20.60 | 20.65 | 20.56 | | | | |
| 3 | 16QAM | 8 | 4 | 20.51 | 20.51 | 20.44 | | | | |
| 3 | 16QAM | 8 | 7 | 20.38 | 20.36 | 20.33 | 22 | 2 | | |
| 3 | 16QAM | 15 | 0 | 20.38 | 20.41 | 20.34 | | | | |
| 3 | 16QAM | 1 | 0 | 20.49 | 20.49 | 20.43 | | | | |
| 3 | 16QAM | 1 | 8 | 20.30 | 20.48 | 20.42 | | | | |
| 3 | 16QAM | 1 | 14 | 20.40 | 20.40 | 20.36 | 22 | 2 | | |
| 3 | 16QAM | 8 | 0 | 19.59 | 19.74 | 19.53 | | | | |
| 3 | 16QAM | 8 | 4 | 19.51 | 19.62 | 19.59 | | | | |
| 3 | 16QAM | 8 | 7 | 19.52 | 19.64 | 19.68 | | | | |
| 3 | 16QAM | 15 | 0 | 19.32 | 19.49 | 19.36 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 1857 | 1890 | 1913 | | | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 2233 | 2245 | 2248 | | | | |
| 1.4 | QPSK | 1 | 5 | 2230 | 2232 | 2230 | | | | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.52 | 22.44 | | | | |
| 1.4 | QPSK | 3 | 1 | 22.32 | 22.40 | 22.37 | 23 | 1 | | |
| 1.4 | QPSK | 3 | 3 | 22.38 | 22.34 | 22.29 | | | | |
| 1.4 | QPSK | 6 | 0 | 21.31 | 21.48 | 21.40 | | | | |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.56 | 21.45 | | | | |
| 1.4 | 16QAM | 1 | 3 | 21.54 | 21.54 | 21.44 | 23 | 1 | | |
| 1.4 | 16QAM | 1 | 5 | 21.49 | 21.51 | 21.45 | | | | |
| 1.4 | 16QAM | 3 | 0 | 21.49 | 21.49 | 21.39 | | | | |
| 1.4 | 16QAM | 3 | 1 | 21.42 | 21.41 | 21.32 | | | | |
| 1.4 | 16QAM | 3 | 3 | 21.30 | 21.40 | 21.24 | 22 | 2 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.49 | 20.39 | | | | |
| 1.4 | 16QAM | 1 | 0 | 20.48 | 20.55 | 20.42 | | | | |
| 1.4 | 16QAM | 1 | 3 | 20.41 | 20.40 | 20.35 | | | | |
| 1.4 | 16QAM | 1 | 5 | 20.37 | 20.52 | 20.34 | 22 | 2 | | |
| 1.4 | 16QAM | 3 | 0 | 20.55 | 20.59 | 20.40 | | | | |
| 1.4 | 16QAM | 3 | 1 | 20.50 | 20.50 | 20.53 | | | | |
| 1.4 | 16QAM | 3 | 3 | 20.55 | 20.64 | 20.52 | | | | |
| 1.4 | 16QAM | 6 | 0 | 19.29 | 19.51 | 19.28 | 21 | 3 | | |

Band 4 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|----|---|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 20650 | 20175 | 20300 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 2241 | 2252 | 2237 | | | | |
| 20 | QPSK | 1 | 99 | 2229 | 2236 | 2225 | | | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.60 | 21.55 | | | | |
| 20 | QPSK | 50 | 24 | 21.37 | 21.52 | 21.43 | 23 | 1 | | |
| 20 | QPSK | 50 | 50 | 21.34 | 21.45 | 21.40 | | | | |
| 20 | QPSK | 100 | 0 | 21.42 | 21.51 | 21.41 | | | | |
| 20 | 16QAM | 1 | 0 | 21.44 | 21.58 | 21.55 | | | | |
| 20 | 16QAM | 1 | 49 | 21.34 | 21.43 | 21.39 | 23 | 1 | | |
| 20 | 16QAM | 1 | 99 | 21.33 | 21.44 | 21.32 | | | | |
| 20 | 16QAM | 50 | 0 | 20.35 | 20.44 | 20.33 | | | | |
| 20 | 16QAM | 50 | 24 | 20.18 | 20.29 | 20.20 | | | | |
| 20 | 16QAM | 50 | 50 | 20.24 | 20.36 | 20.24 | 22 | 2 | | |
| 20 | 16QAM | 100 | 0 | 20.36 | 20.50 | 20.34 | | | | |
| 20 | 16QAM | 1 | 0 | 20.48 | 20.56 | 20.46 | | | | |
| 20 | 16QAM | 1 | 49 | 20.37 | 20.41 | 20.37 | | | | |
| 20 | 16QAM | 1 | 99 | 20.28 | 20.32 | 20.33 | 22 | 2 | | |
| 20 | 16QAM | 50 | 0 | 19.31 | 19.45 | 19.34 | | | | |
| 20 | 16QAM | 50 | 24 | 19.27 | 19.31 | 19.20 | | | | |
| 20 | 16QAM | 50 | 50 | 19.20 | 19.33 | 19.19 | | | | |
| 20 | 16QAM | 100 | 0 | 19.39 | 19.47 | 19.31 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20225 | 20175 | 20325 | | | 24 | 0 |
| 15 | QPSK | 1 | 37 | 2231 | 2238 | 2222 | | | | |
| 15 | QPSK | 1 | 74 | 2225 | 2222 | 2211 | | | | |



Band 7 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2550 | | |
| 20 | QPSK | 1 | 0 | 23.01 | 23.03 | 23.03 | | |
| 20 | QPSK | 1 | 49 | 22.92 | 22.95 | 22.84 | 24 | 0 |
| 20 | QPSK | 1 | 99 | 22.76 | 22.87 | 22.85 | | |
| 20 | QPSK | 50 | 0 | 22.04 | 22.09 | 21.98 | | |
| 20 | QPSK | 50 | 24 | 21.89 | 21.98 | 21.95 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 21.84 | 21.90 | 21.87 | | |
| 20 | QPSK | 100 | 0 | 21.91 | 21.94 | 21.86 | | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.13 | 21.96 | | |
| 20 | 16QAM | 1 | 49 | 21.93 | 22.01 | 21.93 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.86 | 21.97 | 21.84 | | |
| 20 | 16QAM | 50 | 0 | 21.03 | 21.10 | 21.03 | | |
| 20 | 16QAM | 50 | 24 | 20.94 | 21.07 | 21.01 | | |
| 20 | 16QAM | 50 | 50 | 20.90 | 21.02 | 20.90 | 22 | 2 |
| 20 | 16QAM | 100 | 0 | 20.74 | 20.89 | 20.76 | | |
| 20 | 64QAM | 1 | 0 | 20.94 | 21.05 | 20.95 | | |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.89 | 20.77 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.75 | 20.81 | 20.83 | | |
| 20 | 64QAM | 50 | 0 | 20.03 | 20.07 | 20.00 | | |
| 20 | 64QAM | 50 | 24 | 19.90 | 20.01 | 19.98 | | |
| 20 | 64QAM | 50 | 50 | 19.97 | 20.00 | 19.93 | 21 | 3 |
| 20 | 64QAM | 100 | 0 | 19.80 | 19.87 | 19.81 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20825 | 21100 | 21375 | | |
| 15 | QPSK | 1 | 0 | 22.93 | 22.96 | 22.85 | | |
| 15 | QPSK | 1 | 37 | 22.81 | 22.91 | 22.75 | 24 | 0 |
| 15 | QPSK | 1 | 74 | 22.59 | 22.71 | 22.78 | | |
| 15 | QPSK | 36 | 0 | 22.00 | 22.04 | 21.87 | | |
| 15 | QPSK | 36 | 20 | 21.82 | 21.95 | 21.81 | | |
| 15 | QPSK | 36 | 39 | 21.79 | 21.84 | 21.79 | 23 | 1 |
| 15 | QPSK | 75 | 0 | 21.77 | 21.91 | 21.81 | | |
| 15 | 16QAM | 1 | 0 | 22.00 | 22.08 | 21.80 | | |
| 15 | 16QAM | 1 | 37 | 21.89 | 21.95 | 21.79 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.75 | 21.87 | 21.71 | | |
| 15 | 16QAM | 36 | 0 | 20.98 | 20.94 | 20.92 | | |
| 15 | 16QAM | 36 | 20 | 20.80 | 21.00 | 20.96 | | |
| 15 | 16QAM | 36 | 39 | 20.81 | 20.90 | 20.78 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.68 | 20.83 | 20.62 | | |
| 15 | 64QAM | 1 | 0 | 20.84 | 20.92 | 20.90 | | |
| 15 | 64QAM | 1 | 37 | 20.61 | 20.86 | 20.71 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.60 | 20.85 | 20.72 | | |
| 15 | 64QAM | 36 | 0 | 19.91 | 20.03 | 19.90 | | |
| 15 | 64QAM | 36 | 20 | 19.83 | 19.94 | 19.82 | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.89 | 19.80 | 21 | 3 |
| 15 | 64QAM | 75 | 0 | 19.63 | 19.76 | 19.73 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20990 | 21100 | 21400 | | |
| 10 | QPSK | 1 | 0 | 22.91 | 22.93 | 22.78 | | |
| 10 | QPSK | 1 | 25 | 22.83 | 22.88 | 22.81 | 24 | 0 |
| 10 | QPSK | 1 | 49 | 22.73 | 22.71 | 22.73 | | |
| 10 | QPSK | 25 | 0 | 21.97 | 21.93 | 21.85 | | |
| 10 | QPSK | 25 | 12 | 21.81 | 21.90 | 21.83 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.77 | 21.79 | 21.73 | | |
| 10 | QPSK | 50 | 0 | 21.88 | 21.78 | 21.73 | | |
| 10 | 16QAM | 1 | 0 | 21.97 | 22.08 | 21.82 | | |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.90 | 21.82 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.76 | 21.95 | 21.69 | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.98 | 20.99 | | |
| 10 | 16QAM | 25 | 12 | 20.79 | 20.95 | 20.97 | 22 | 2 |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.90 | 20.80 | | |
| 10 | 16QAM | 50 | 0 | 20.66 | 20.75 | 20.60 | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.95 | 20.80 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.63 | 20.75 | 20.74 | | |
| 10 | 64QAM | 1 | 49 | 20.69 | 20.84 | 20.73 | | |
| 10 | 64QAM | 25 | 0 | 19.93 | 20.01 | 19.97 | | |
| 10 | 64QAM | 25 | 12 | 19.75 | 19.94 | 19.94 | | |
| 10 | 64QAM | 25 | 25 | 19.94 | 19.90 | 19.80 | 21 | 3 |
| 10 | 64QAM | 50 | 0 | 19.66 | 19.83 | 19.72 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20775 | 21100 | 21425 | | |
| 5 | QPSK | 1 | 0 | 22.88 | 22.97 | 22.74 | | |
| 5 | QPSK | 1 | 12 | 22.84 | 22.84 | 22.75 | 24 | 0 |
| 5 | QPSK | 1 | 24 | 22.62 | 22.84 | 22.76 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 22.00 | 21.87 | | |
| 5 | QPSK | 12 | 7 | 21.83 | 21.94 | 21.90 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.70 | 21.86 | 21.74 | | |
| 5 | 16QAM | 1 | 0 | 21.87 | 21.78 | 21.71 | | |
| 5 | 16QAM | 1 | 0 | 21.92 | 22.04 | 21.85 | | |
| 5 | 16QAM | 1 | 12 | 21.85 | 21.95 | 21.88 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.79 | 21.81 | 21.68 | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.00 | 20.90 | | |
| 5 | 16QAM | 12 | 7 | 20.80 | 21.01 | 20.87 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.80 | 20.87 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 20.64 | 20.73 | 20.70 | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 21.03 | 20.83 | | |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.81 | 20.74 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.81 | 20.66 | | |
| 5 | 64QAM | 12 | 0 | 19.87 | 19.93 | 19.96 | | |
| 5 | 64QAM | 12 | 7 | 19.85 | 19.87 | 19.86 | | |
| 5 | 64QAM | 12 | 13 | 19.91 | 19.84 | 19.74 | 21 | 3 |
| 5 | 64QAM | 25 | 0 | 19.67 | 19.76 | 19.71 | | |

Band 12 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 706 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.89 | 22.73 | 22.83 | | |
| 10 | QPSK | 1 | 25 | 22.49 | 22.61 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 49 | 22.55 | 22.57 | 22.50 | | |
| 10 | QPSK | 25 | 0 | 21.57 | 21.59 | 21.55 | | |
| 10 | QPSK | 25 | 12 | 21.44 | 21.54 | 21.41 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.40 | 21.48 | 21.34 | | |
| 10 | QPSK | 50 | 0 | 21.47 | 21.53 | 21.38 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.86 | 21.70 | | |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.77 | 21.62 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.74 | 21.63 | | |
| 10 | 16QAM | 25 | 0 | 20.53 | 20.64 | 20.62 | | |
| 10 | 16QAM | 25 | 12 | 20.52 | 20.57 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.60 | 20.49 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.60 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.65 | 20.80 | 20.68 | | |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.78 | 20.68 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.64 | | |
| 10 | 64QAM | 25 | 0 | 19.57 | 19.62 | 19.57 | | |
| 10 | 64QAM | 25 | 12 | 19.46 | 19.56 | 19.53 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.52 | 19.42 | | |
| 10 | 64QAM | 50 | 0 | 19.53 | 19.57 | 19.49 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 23035 | 23095 | 23155 | | |
| 5 | QPSK | 1 | 0 | 22.80 | 22.84 | 22.55 | | |
| 5 | QPSK | 1 | 12 | 22.42 | 22.52 | 22.37 | 24 | 0 |
| 5 | QPSK | 1 | 24 | 22.51 | 22.52 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.51 | 21.56 | 21.38 | | |
| 5 | QPSK | 12 | 7 | 21.34 | 21.51 | 21.35 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.38 | 21.44 | 21.27 | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.44 | 21.28 | | |
| 5 | 16QAM | 1 | 0 | 21.67 | 21.76 | 21.65 | | |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.61 | 21.58 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.50 | 21.63 | 21.57 | | |
| 5 | 16QAM | 12 | 0 | 20.45 | 20.51 | 20.56 | | |
| 5 | 16QAM | 12 | 7 | 20.36 | 20.51 | 20.40 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.56 | 20.35 | | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.51 | 20.33 | | |
| 5 | 64QAM | 1 | 0 | 20.56 | 20.63 | 20.51 | | |
| 5 | 64QAM | 1 | 12 | 20.82 | 20.74 | 20.59 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.53 | 20.53 | | |
| 5 | 64QAM | 12 | 0 | 19.43 | 19.58 | 19.44 | | |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.44 | 19.43 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.31 | 19.41 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.50 | 19.45 | 19.42 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 23025 | 23095 | 23165 | | |
| 3 | QPSK | 1 | 0 | 22.86 | 22.70 | 22.80 | | |
| 3 | QPSK | 1 | 12 | 22.43 | 22.55 | 22.35 | 24 | 0 |
| 3 | QPSK | 1 | 14 | 22.46 | 22.45 | 22.45 | | |
| 3 | QPSK | 8 | 0 | 21.46 | 21.53 | 21.40 | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.52 | 21.34 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.28 | 21.40 | 21.20 | | |
| 3 | QPSK | 15 | 0 | 21.31 | 21.36 | 21.26 | | |
| 3 | 16QAM | 1 | 0 | 21.65 | 21.71 | 21.61 | | |
| 3 | 16QAM | 1 | 8 | 21.66 | 21.69 | 21.54 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.54 | 21.62 | 21.53 | | |
| 3 | 16QAM | 8 | | | | | | |



Band 17 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.60 | 22.63 | 22.56 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.52 | 22.61 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.52 | 22.38 | 23 | 1 |
| 10 | QPSK | 25 | 0 | 21.43 | 21.56 | 21.52 | | |
| 10 | QPSK | 25 | 12 | 21.38 | 21.52 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.35 | 21.47 | 21.36 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.57 | 21.51 | 22 | 2 |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.72 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.58 | 21.63 | 21.54 | 22 | 2 |
| 10 | 16QAM | 1 | 49 | 21.53 | 21.63 | 21.48 | | |
| 10 | 16QAM | 25 | 0 | 20.44 | 20.57 | 20.51 | 21 | 3 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.43 | 20.29 | | |
| 10 | 16QAM | 25 | 25 | 20.29 | 20.45 | 20.30 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.50 | 20.54 | 20.50 | | |
| 10 | 64QAM | 1 | 0 | 20.54 | 20.68 | 20.53 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.58 | 20.42 | | |
| 10 | 64QAM | 1 | 49 | 20.54 | 20.58 | 20.56 | 23 | 3 |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.51 | 19.44 | | |
| 10 | 64QAM | 25 | 12 | 19.39 | 19.46 | 19.37 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.27 | 19.37 | 19.26 | | |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | 21 | 3 |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.51 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.41 | 22.48 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.39 | 22.23 | 23 | 1 |
| 5 | QPSK | 12 | 0 | 21.28 | 21.32 | 21.42 | | |
| 5 | QPSK | 12 | 7 | 21.33 | 21.41 | 21.33 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.24 | 21.43 | 21.25 | | |
| 5 | QPSK | 25 | 0 | 21.42 | 21.48 | 21.37 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.61 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.60 | 21.43 | 22 | 2 |
| 5 | 16QAM | 1 | 24 | 21.37 | 21.47 | 21.49 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.45 | 20.49 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.30 | 20.23 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.32 | 20.27 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.45 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.41 | 20.54 | 20.51 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.49 | 20.41 | 20.37 | | |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.52 | 20.42 | 21 | 3 |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.42 | 19.36 | | |
| 5 | 64QAM | 12 | 7 | 19.28 | 19.32 | 19.20 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.17 | 19.22 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | 21 | 3 |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | | |

Band 26 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.72 | 22.76 | 22.70 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.57 | 22.70 | 22.61 | | |
| 15 | QPSK | 1 | 74 | 22.50 | 22.67 | 22.56 | 23 | 1 |
| 15 | QPSK | 36 | 0 | 21.55 | 21.71 | 21.62 | | |
| 15 | QPSK | 36 | 20 | 21.56 | 21.63 | 21.48 | 23 | 1 |
| 15 | QPSK | 36 | 39 | 21.55 | 21.66 | 21.61 | | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.73 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.78 | 21.72 | | |
| 15 | 16QAM | 1 | 37 | 21.52 | 21.75 | 21.69 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.61 | 21.70 | 21.65 | | |
| 15 | 16QAM | 36 | 0 | 20.50 | 20.61 | 20.57 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.44 | 20.40 | | |
| 15 | 16QAM | 36 | 39 | 20.41 | 20.46 | 20.36 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.68 | 20.64 | | |
| 15 | 64QAM | 1 | 0 | 20.70 | 20.73 | 20.58 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.57 | 20.50 | | |
| 15 | 64QAM | 1 | 74 | 20.55 | 20.59 | 20.45 | 21 | 3 |
| 15 | 64QAM | 36 | 0 | 19.53 | 19.63 | 19.50 | | |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.50 | 19.41 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.53 | 19.57 | 19.52 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | 21 | 3 |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.48 | 22.67 | 22.61 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.68 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.57 | 22.48 | 23 | 1 |
| 10 | QPSK | 25 | 0 | 21.50 | 21.61 | 21.56 | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.56 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.42 | 21.63 | 21.52 | | |
| 10 | QPSK | 50 | 0 | 21.59 | 21.67 | 21.51 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.65 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.72 | 21.52 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.57 | 21.56 | 21.52 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.41 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.36 | 20.36 | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.32 | 20.21 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.99 | 20.55 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.59 | 20.64 | 20.48 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.53 | 20.47 | | |
| 10 | 64QAM | 1 | 49 | 20.53 | 20.45 | 20.38 | 21 | 3 |
| 10 | 64QAM | 25 | 0 | 19.47 | 19.49 | 19.47 | | |
| 10 | 64QAM | 25 | 12 | 19.30 | 19.33 | 19.26 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.42 | 19.45 | | |
| 10 | 64QAM | 50 | 0 | 19.54 | 19.54 | 19.50 | 21 | 3 |
| 10 | 64QAM | 50 | 0 | 19.54 | 19.54 | 19.50 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.46 | 22.60 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.57 | 22.46 | | |
| 5 | QPSK | 1 | 24 | 22.34 | 22.64 | 22.46 | 23 | 1 |
| 5 | QPSK | 12 | 0 | 21.44 | 21.63 | 21.54 | | |
| 5 | QPSK | 12 | 7 | 21.40 | 21.53 | 21.45 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.47 | 21.58 | 21.55 | | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.61 | 21.54 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.75 | 21.65 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.62 | 21.60 | 22 | 2 |
| 5 | 16QAM | 1 | 24 | 21.52 | 21.59 | 21.52 | | |
| 5 | 16QAM | 12 | 0 | 20.44 | 20.55 | 20.40 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.27 | 20.31 | | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.34 | 20.22 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.48 | 20.58 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.50 | 20.70 | 20.52 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.50 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.41 | 20.54 | 20.41 | 21 | 3 |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.58 | 19.46 | | |
| 5 | 64QAM | 12 | 7 | 19.25 | 19.34 | 19.35 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.38 | 19.48 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | 21 | 3 |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.57 | 22.72 | 22.61 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.45 | 22.60 | 22.54 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.60 | 22.50 | 23 | 1 |
| 3 | QPSK | 8 | 0 | 21.50 | 21.57 | 21.58 | | |
| 3 | QPSK | 8 | 4 | 21.47 | 21.58 | 21.35 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.46 | 21.62 | 21.57 | | |
| 3 | QPSK | 15 | 0 | 21.53 | 21.71 | 21.46 | 23 | 1 |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.72 | 21.58 | | |
| 3 | 16QAM | 1 | 8 | 21.53 | 21.70 | 21.62 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.46 | 21.57 | 21.54 | | |
| 3 | 16QAM | 8 | 0 | 20.45 | 20.57 | 20.54 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.23 | 20.36 | 20.28 | | |
| 3 | 16QAM | 8 | 7 | 20.27 | 20.43 | 20.24 | 22 | 2 |
| 3 | 16QAM | 15 | 0 | 20.53 | 20.53 | 20.60 | | |
| 3 | 64QAM | 1 | 0 | 20.54 | 20.57 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.33 | 20.40 | 20.38 | | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.55 | 20.42 | 21 | 3 |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.54 | 19.33 | | |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.39 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.42 | 19.53 | 19.37 | | |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | 21 | 3 |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 22.47 | 22.73 | 22.57 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.43 | 22.61 | 22.45 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.64 | 22.42 | 23 | 1 |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.68 | 22.54 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.56 | 22.40 | 23 | 1 |
| 1.4 | QPSK | 3 | 2 | 22.42 | 22.60 | 22.47 | | |
| 1.4 | QPSK | 6 | 0 | 21.58 | 21.62 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.63 | 21.65 | | |
| 1.4 | 16QAM | 1 | 3 | 21.62 | 21.67 | 21.65 | 23 | 1 |
| 1.4 | 16QAM | 1 | 5 | 21.48 | 21.68 | | | |



| Band 38 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2680 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 22.70 | 22.75 | 22.73 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.71 | 22.71 | 22.63 | | | | |
| 20 | QPSK | 1 | 99 | 22.59 | 22.64 | 22.52 | | | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.77 | 21.74 | | | | |
| 20 | QPSK | 50 | 24 | 21.67 | 21.71 | 21.59 | 23 | 1 | | |
| 20 | QPSK | 50 | 50 | 21.63 | 21.69 | 21.55 | | | | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.73 | 21.67 | | | | |
| 20 | 16QAM | 1 | 0 | 21.58 | 21.71 | 21.64 | | | | |
| 20 | 16QAM | 1 | 49 | 21.56 | 21.69 | 21.61 | 23 | 1 | | |
| 20 | 16QAM | 1 | 99 | 21.59 | 21.64 | 21.61 | | | | |
| 20 | 16QAM | 50 | 0 | 20.69 | 20.86 | 20.73 | | | | |
| 20 | 16QAM | 50 | 24 | 20.68 | 20.76 | 20.62 | 22 | 2 | | |
| 20 | 16QAM | 50 | 50 | 20.64 | 20.71 | 20.64 | | | | |
| 20 | 16QAM | 100 | 0 | 20.75 | 20.81 | 20.69 | | | | |
| 20 | 64QAM | 1 | 0 | 21.51 | 21.58 | 21.43 | | | | |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.49 | 21.37 | 22 | 2 | | |
| 20 | 64QAM | 1 | 99 | 21.38 | 21.54 | 21.49 | | | | |
| 20 | 64QAM | 50 | 0 | 19.86 | 19.89 | 19.81 | | | | |
| 20 | 64QAM | 50 | 24 | 19.67 | 19.74 | 19.64 | 21 | 3 | | |
| 20 | 64QAM | 50 | 50 | 19.75 | 19.83 | 19.76 | | | | |
| 20 | 64QAM | 100 | 0 | 19.74 | 19.83 | 19.73 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.63 | 22.71 | 22.56 | 24 | 0 | | |
| 15 | QPSK | 1 | 37 | 22.58 | 22.64 | 22.54 | | | | |
| 15 | QPSK | 1 | 74 | 22.43 | 22.61 | 22.43 | | | | |
| 15 | QPSK | 36 | 0 | 21.49 | 21.64 | 21.53 | 23 | 1 | | |
| 15 | QPSK | 36 | 20 | 21.63 | 21.64 | 21.53 | | | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.61 | 21.43 | | | | |
| 15 | QPSK | 75 | 0 | 21.55 | 21.62 | 21.51 | | | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.65 | 21.60 | | | | |
| 15 | 16QAM | 1 | 37 | 21.51 | 21.53 | 21.53 | 23 | 1 | | |
| 15 | 16QAM | 1 | 74 | 21.56 | 21.61 | 21.56 | | | | |
| 15 | 16QAM | 36 | 0 | 20.65 | 20.71 | 20.65 | 22 | 2 | | |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.73 | 20.58 | | | | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.65 | 20.51 | | | | |
| 15 | 16QAM | 75 | 0 | 20.65 | 20.65 | 20.67 | | | | |
| 15 | 64QAM | 1 | 0 | 21.42 | 21.44 | 21.41 | | | | |
| 15 | 64QAM | 1 | 37 | 21.21 | 21.46 | 21.28 | 22 | 2 | | |
| 15 | 64QAM | 1 | 74 | 21.27 | 21.40 | 21.36 | | | | |
| 15 | 64QAM | 36 | 0 | 19.72 | 19.72 | 19.67 | 21 | 3 | | |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.64 | 19.61 | | | | |
| 15 | 64QAM | 36 | 39 | 19.67 | 19.68 | 19.74 | | | | |
| 15 | 64QAM | 75 | 0 | 19.60 | 19.70 | 19.60 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2675 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.74 | 22.71 | 24 | 0 | | |
| 10 | QPSK | 1 | 25 | 22.56 | 22.73 | 22.63 | | | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.59 | 22.48 | | | | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.64 | 21.61 | 23 | 1 | | |
| 10 | QPSK | 25 | 12 | 21.62 | 21.66 | 21.50 | | | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.55 | 21.38 | | | | |
| 10 | QPSK | 50 | 0 | 21.64 | 21.65 | 21.52 | | | | |
| 10 | 16QAM | 1 | 0 | 21.48 | 21.61 | 21.55 | 23 | 1 | | |
| 10 | 16QAM | 1 | 25 | 21.46 | 21.55 | 21.56 | | | | |
| 10 | 16QAM | 1 | 49 | 21.45 | 21.47 | 21.57 | | | | |
| 10 | 16QAM | 25 | 0 | 20.52 | 20.69 | 20.59 | 22 | 2 | | |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.64 | 20.59 | | | | |
| 10 | 16QAM | 25 | 25 | 20.59 | 20.68 | 20.50 | | | | |
| 10 | 16QAM | 50 | 0 | 20.72 | 20.78 | 20.54 | | | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.42 | 21.36 | 22 | 2 | | |
| 10 | 64QAM | 1 | 25 | 21.19 | 21.44 | 21.23 | | | | |
| 10 | 64QAM | 1 | 49 | 21.21 | 21.51 | 21.33 | | | | |
| 10 | 64QAM | 25 | 0 | 19.78 | 19.81 | 19.65 | 21 | 3 | | |
| 10 | 64QAM | 25 | 12 | 19.60 | 19.64 | 19.53 | | | | |
| 10 | 64QAM | 25 | 25 | 19.71 | 19.78 | 19.75 | | | | |
| 10 | 64QAM | 50 | 0 | 19.58 | 19.76 | 19.67 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2672.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.73 | 22.66 | 24 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.68 | 22.73 | 22.50 | | | | |
| 5 | QPSK | 1 | 24 | 22.55 | 22.49 | 22.41 | | | | |
| 5 | QPSK | 12 | 0 | 21.43 | 21.66 | 21.58 | 23 | 1 | | |
| 5 | QPSK | 12 | 7 | 21.56 | 21.60 | 21.48 | | | | |
| 5 | QPSK | 12 | 13 | 21.56 | 21.61 | 21.52 | | | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.68 | 21.50 | | | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.66 | 21.49 | 23 | 1 | | |
| 5 | 16QAM | 1 | 12 | 21.48 | 21.65 | 21.45 | | | | |
| 5 | 16QAM | 1 | 24 | 21.48 | 21.51 | 21.51 | | | | |
| 5 | 16QAM | 12 | 0 | 20.60 | 20.79 | 20.59 | 22 | 2 | | |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.60 | 20.55 | | | | |
| 5 | 16QAM | 12 | 13 | 20.55 | 20.65 | 20.50 | | | | |
| 5 | 16QAM | 25 | 0 | 20.72 | 20.73 | 20.66 | | | | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.51 | 21.34 | 22 | 2 | | |
| 5 | 64QAM | 1 | 12 | 21.18 | 21.43 | 21.26 | | | | |
| 5 | 64QAM | 1 | 24 | 21.21 | 21.41 | 21.37 | | | | |
| 5 | 64QAM | 12 | 0 | 19.82 | 19.82 | 19.71 | 21 | 3 | | |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.72 | 19.49 | | | | |
| 5 | 64QAM | 12 | 13 | 19.63 | 19.73 | 19.70 | | | | |
| 5 | 64QAM | 25 | 0 | 19.71 | 19.73 | 19.67 | | | | |

| Band 41 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|----|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41490 | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | 2636.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 22.77 | 22.72 | 22.84 | 22.65 | 22.58 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.70 | 22.66 | 22.74 | 22.61 | 22.57 | | |
| 20 | QPSK | 1 | 99 | 22.57 | 22.55 | 22.67 | 22.63 | 22.53 | | |
| 20 | QPSK | 50 | 0 | 21.65 | 21.70 | 21.76 | 21.71 | 21.60 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.56 | 21.65 | 21.71 | 21.61 | 21.56 | | |
| 20 | QPSK | 50 | 50 | 21.67 | 21.61 | 21.70 | 21.63 | 21.58 | | |
| 20 | QPSK | 100 | 0 | 21.65 | 21.57 | 21.73 | 21.68 | 21.63 | | |
| 20 | 16QAM | 1 | 0 | 21.69 | 21.74 | 21.78 | 21.62 | 21.65 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.60 | 21.55 | 21.67 | 21.53 | 21.49 | | |
| 20 | 16QAM | 1 | 99 | 21.49 | 21.51 | 21.67 | 21.55 | 21.59 | | |
| 20 | 16QAM | 50 | 0 | 20.86 | 20.85 | 20.90 | 20.79 | 20.84 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.74 | 20.82 | 20.87 | 20.75 | 20.67 | | |
| 20 | 16QAM | 50 | 50 | 20.78 | 20.82 | 20.78 | 20.75 | 20.65 | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.77 | 20.88 | 20.74 | 20.82 | | |
| 20 | 64QAM | 1 | 0 | 20.53 | 20.48 | 20.62 | 20.45 | 20.50 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.43 | 20.48 | 20.56 | 20.48 | 20.47 | | |
| 20 | 64QAM | 1 | 99 | 20.38 | 20.35 | 20.52 | 20.39 | 20.45 | | |
| 20 | 64QAM | 50 | 0 | 19.84 | 19.75 | 19.87 | 19.82 | 19.71 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.80 | 19.64 | 19.72 | 19.60 | 19.68 | | |
| 20 | 64QAM | 50 | 50 | 19.66 | 19.64 | 19.74 | 19.62 | 19.66 | | |
| 20 | 64QAM | 100 | 0 | 19.78 | 19.72 | 19.84 | 19.70 | 19.82 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.67 | 22.60 | 22.67 | 22.54 | 22.56 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.54 | 22.55 | 22.66 | 22.49 | 22.42 | | |
| 15 | QPSK | 1 | 74 | 22.41 | 22.53 | 22.50 | 22.46 | 22.46 | | |
| 15 | QPSK | 36 | 0 | 21.57 | 21.64 | 21.70 | 21.62 | 21.67 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.44 | 21.56 | 21.60 | 21.57 | 21.46 | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.58 | 21.55 | 21.57 | 21.47 | | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.51 | 21.60 | 21.62 | 21.58 | | |
| 15 | 16QAM | 1 | 0 | 21.58 | 21.65 | 21.69 | 21.59 | 21.63 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.58 | 21.48 | 21.50 | 21.47 | 21.34 | | |



| GSM900 Art1 DS12 | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 20.0 | 824.2 | 836.4 | 848.8 | 20.0 |
| GSM 1 Tx slot | 28.95 | 28.81 | 28.68 | 29.00 | 19.88 | 19.81 | 19.65 | 20.00 |
| GPRS 1 Tx slot | 28.70 | 28.80 | 28.73 | 29.00 | 19.79 | 19.86 | 19.73 | 20.00 |
| GPRS 2 Tx slots | 27.54 | 27.67 | 27.57 | 28.00 | 21.54 | 21.67 | 21.57 | 22.00 |
| GPRS 3 Tx slots | 25.58 | 25.61 | 25.55 | 26.00 | 21.30 | 21.35 | 21.29 | 21.74 |
| GPRS 4 Tx slots | 24.37 | 24.44 | 24.32 | 25.00 | 21.37 | 21.44 | 21.32 | 22.00 |
| EDGE 1 Tx slot | 21.52 | 21.58 | 21.72 | 23.00 | 12.52 | 12.58 | 12.72 | 14.00 |
| EDGE 2 Tx slots | 20.24 | 20.31 | 20.33 | 22.00 | 14.24 | 14.31 | 14.53 | 16.00 |
| EDGE 3 Tx slots | 17.82 | 18.07 | 18.25 | 19.50 | 13.56 | 13.81 | 13.96 | 15.24 |
| EDGE 4 Tx slots | 16.50 | 16.54 | 16.80 | 18.00 | 13.50 | 13.54 | 13.80 | 15.00 |

| GSM1900 Art1 DS12 | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1850 | 1850.8 | 19.0 | 1850.2 | 1850 | 1850.8 | 19.0 |
| GSM 1 Tx slot | 22.57 | 22.68 | 22.58 | 23.50 | 13.07 | 13.69 | 13.58 | 14.50 |
| GPRS 1 Tx slot | 22.55 | 22.70 | 22.58 | 23.50 | 13.55 | 13.70 | 13.58 | 14.50 |
| GPRS 2 Tx slots | 21.67 | 21.74 | 21.59 | 22.50 | 15.67 | 15.74 | 15.59 | 16.50 |
| GPRS 3 Tx slots | 19.61 | 19.68 | 19.60 | 20.50 | 15.35 | 15.42 | 15.34 | 16.24 |
| GPRS 4 Tx slots | 18.76 | 18.87 | 18.74 | 19.50 | 15.78 | 15.87 | 15.74 | 16.50 |
| EDGE 1 Tx slot | 17.15 | 17.46 | 17.54 | 18.50 | 8.15 | 8.46 | 8.54 | 9.50 |
| EDGE 2 Tx slots | 16.22 | 16.39 | 16.64 | 17.50 | 10.22 | 10.39 | 10.64 | 11.50 |
| EDGE 3 Tx slots | 14.18 | 14.48 | 14.52 | 15.50 | 9.92 | 10.22 | 10.26 | 11.24 |
| EDGE 4 Tx slots | 13.22 | 13.61 | 13.53 | 14.50 | 10.22 | 10.51 | 10.53 | 11.50 |

| Band | WCDMA II Art1 DS12 | | | | WCDMA IV Art1 DS12 | | | WCDMA V Art1 Default | | | | | |
|-----------------|--------------------|-------|-------|-------|---------------------------|-------|-------|----------------------|---------------------------|-------|-------|-------|-------|
| | TX Channel | 9552 | 9600 | 9638 | Tune-up Limit (dBm) | 1332 | 1413 | 1513 | Tune-up Limit (dBm) | 4152 | 4162 | 4233 | |
| Frequency (MHz) | | 9652 | 9690 | 9638 | | 1537 | 1638 | 1738 | | 4387 | 4407 | 4468 | |
| 3GPP Rel 99 | AMR 12.2kbps | 18.01 | 18.19 | 18.10 | 19.00 | 17.82 | 17.90 | 17.82 | 19.00 | 23.95 | 24.10 | 23.95 | 25.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 18.16 | 18.28 | 18.22 | 19.00 | 17.94 | 18.02 | 17.98 | 19.00 | 24.38 | 24.39 | 24.38 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.83 | 18.99 | 17.06 | 18.00 | 16.86 | 17.02 | 16.85 | 18.00 | 22.81 | 23.07 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.80 | 17.01 | 17.03 | 18.00 | 16.90 | 17.01 | 16.73 | 18.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 16.32 | 16.49 | 16.46 | 17.50 | 16.29 | 16.51 | 16.42 | 17.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 16.27 | 16.62 | 16.65 | 17.50 | 16.41 | 16.48 | 16.41 | 17.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.72 | 17.10 | 17.02 | 18.00 | 16.89 | 17.03 | 16.88 | 18.00 | 22.86 | 23.04 | 22.83 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.82 | 16.98 | 16.97 | 18.00 | 16.71 | 16.88 | 16.84 | 18.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 16.19 | 16.47 | 16.55 | 17.50 | 16.34 | 16.50 | 16.09 | 17.50 | 22.38 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 16.39 | 16.41 | 16.58 | 17.50 | 16.27 | 16.36 | 16.18 | 17.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 16.83 | 17.11 | 17.18 | 18.00 | 16.72 | 17.04 | 16.90 | 18.00 | 22.77 | 23.16 | 22.93 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.01 | 15.14 | 15.15 | 16.00 | 15.17 | 15.26 | 15.18 | 16.00 | 20.89 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.78 | 15.91 | 15.99 | 17.00 | 15.77 | 16.00 | 15.94 | 17.00 | 21.85 | 21.96 | 21.86 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.05 | 15.13 | 15.10 | 16.00 | 15.17 | 15.18 | 15.16 | 16.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.97 | 17.22 | 17.04 | 18.00 | 16.75 | 17.09 | 16.87 | 18.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Band 2 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18900 | 19100 | | |
| 20 | QPSK | 1 | 0 | 16.87 | 16.88 | 16.89 | | |
| 20 | QPSK | 1 | 49 | 16.82 | 16.87 | 16.83 | 18 | 0 |
| 20 | QPSK | 1 | 99 | 16.89 | 17.01 | 16.86 | | |
| 20 | QPSK | 50 | 0 | 16.93 | 17.02 | 16.89 | | |
| 20 | QPSK | 50 | 24 | 16.82 | 16.98 | 16.81 | 18 | 0 |
| 20 | QPSK | 50 | 50 | 16.90 | 16.97 | 16.80 | | |
| 20 | QPSK | 100 | 0 | 16.88 | 16.94 | 16.84 | | |
| 20 | 16QAM | 1 | 0 | 16.85 | 16.95 | 16.85 | | |
| 20 | 16QAM | 1 | 49 | 16.92 | 16.94 | 16.93 | 18 | 0 |
| 20 | 16QAM | 1 | 99 | 16.88 | 16.94 | 16.80 | | |
| 20 | 16QAM | 50 | 0 | 16.92 | 16.89 | 16.88 | | |
| 20 | 16QAM | 50 | 24 | 16.91 | 16.99 | 16.86 | 18 | 0 |
| 20 | 16QAM | 50 | 50 | 16.82 | 16.91 | 16.88 | | |
| 20 | 16QAM | 100 | 0 | 16.88 | 16.93 | 16.79 | | |
| 20 | 84QAM | 1 | 0 | 16.90 | 16.94 | 16.80 | | |
| 20 | 84QAM | 1 | 49 | 16.84 | 17.01 | 16.88 | 18 | 0 |
| 20 | 84QAM | 1 | 99 | 16.86 | 16.98 | 16.88 | | |
| 20 | 84QAM | 50 | 0 | 16.77 | 16.98 | 16.80 | | |
| 20 | 84QAM | 50 | 24 | 16.83 | 16.96 | 16.91 | 18 | 0 |
| 20 | 84QAM | 50 | 50 | 16.90 | 16.95 | 16.80 | | |
| 20 | 84QAM | 100 | 0 | 16.82 | 16.93 | 16.90 | | |
| Channel | | | | 18675 | 18900 | 19125 | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 16.89 | 16.90 | 16.90 | | |
| 15 | QPSK | 1 | 37 | 16.74 | 16.87 | 16.74 | 18 | 0 |
| 15 | QPSK | 1 | 74 | 16.75 | 16.96 | 16.75 | | |
| 15 | QPSK | 36 | 0 | 16.83 | 16.94 | 16.74 | | |
| 15 | QPSK | 36 | 20 | 16.72 | 16.91 | 16.75 | 18 | 0 |
| 15 | QPSK | 36 | 39 | 16.75 | 16.85 | 16.65 | | |
| 15 | QPSK | 75 | 0 | 16.83 | 16.79 | 16.75 | | |
| 15 | 16QAM | 1 | 0 | 16.73 | 16.80 | 16.71 | | |
| 15 | 16QAM | 1 | 37 | 16.85 | 16.81 | 16.80 | 18 | 0 |
| 15 | 16QAM | 1 | 74 | 16.81 | 16.85 | 16.71 | | |
| 15 | 16QAM | 36 | 0 | 16.80 | 16.78 | 16.71 | | |
| 15 | 16QAM | 36 | 20 | 16.77 | 16.94 | 16.74 | 18 | 0 |
| 15 | 16QAM | 36 | 39 | 16.77 | 16.81 | 16.72 | | |
| 15 | 16QAM | 75 | 0 | 16.76 | 16.79 | 16.75 | | |
| 15 | 16QAM | 1 | 0 | 16.79 | 16.79 | 16.66 | | |
| 15 | 84QAM | 1 | 37 | 16.77 | 16.91 | 16.75 | 18 | 0 |
| 15 | 84QAM | 1 | 74 | 16.78 | 16.84 | 16.74 | | |
| 15 | 84QAM | 36 | 0 | 16.73 | 16.88 | 16.74 | | |
| 15 | 84QAM | 36 | 20 | 16.73 | 16.83 | 16.81 | 18 | 0 |
| 15 | 84QAM | 36 | 39 | 16.79 | 16.86 | 16.72 | | |
| 15 | 84QAM | 75 | 0 | 16.77 | 16.78 | 16.77 | | |
| Channel | | | | 18550 | 18900 | 19150 | | |
| Frequency (MHz) | | | | 1855 | 1890 | 1910 | | |
| 10 | QPSK | 1 | 0 | 16.87 | 16.90 | 16.89 | | |
| 10 | QPSK | 1 | 25 | 16.72 | 16.85 | 16.70 | 18 | 0 |
| 10 | QPSK | 1 | 49 | 16.76 | 16.90 | 16.80 | | |
| 10 | QPSK | 25 | 0 | 16.82 | 16.95 | 16.82 | | |
| 10 | QPSK | 25 | 12 | 16.75 | 16.85 | 16.69 | 18 | 0 |
| 10 | QPSK | 25 | 25 | 16.76 | 16.91 | 16.74 | | |
| 10 | QPSK | 50 | 0 | 16.79 | 16.92 | 16.79 | | |
| 10 | 16QAM | 1 | 0 | 16.75 | 16.86 | 16.70 | | |
| 10 | 16QAM | 1 | 25 | 16.85 | 16.88 | 16.82 | 18 | 0 |
| 10 | 16QAM | 1 | 49 | 16.82 | 16.78 | 16.66 | | |
| 10 | 16QAM | 25 | 0 | 16.81 | 16.84 | 16.77 | | |
| 10 | 16QAM | 25 | 12 | 16.81 | 16.92 | 16.73 | 18 | 0 |
| 10 | 16QAM | 25 | 25 | 16.69 | 16.81 | 16.72 | | |
| 10 | 16QAM | 50 | 0 | 16.73 | 16.86 | 16.67 | | |
| 10 | 84QAM | 1 | 0 | 16.75 | 16.79 | 16.73 | | |
| 10 | 84QAM | 1 | 25 | 16.77 | 16.87 | 16.62 | 18 | 0 |
| 10 | 84QAM | 1 | 49 | 16.76 | 16.84 | 16.81 | | |
| 10 | 84QAM | 25 | 0 | 16.72 | 16.87 | 16.81 | | |
| 10 | 84QAM | 25 | 12 | 16.78 | 16.83 | 16.75 | 18 | 0 |
| 10 | 84QAM | 25 | 25 | 16.82 | 16.84 | 16.64 | | |
| 10 | 84QAM | 50 | 0 | 16.68 | 16.81 | 16.81 | | |
| Channel | | | | 18625 | 18900 | 19175 | | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.86 | 16.98 | 16.89 | | |
| 5 | QPSK | 1 | 12 | 16.88 | 16.98 | 16.75 | 18 | 0 |
| 5 | QPSK | 1 | 25 | 16.82 | 16.91 | 16.81 | | |
| 5 | QPSK | 12 | 0 | 16.88 | 16.89 | 16.75 | | |
| 5 | QPSK | 12 | 7 | 16.73 | 16.83 | 16.65 | 18 | 0 |
| 5 | QPSK | 12 | 13 | 16.75 | 16.91 | 16.75 | | |
| 5 | QPSK | 25 | 0 | 16.77 | 16.87 | 16.73 | | |
| 5 | 16QAM | 1 | 0 | 16.72 | 16.90 | 16.70 | | |
| 5 | 16QAM | 1 | 12 | 16.87 | 16.80 | 16.85 | 18 | 0 |
| 5 | 16QAM | 1 | 24 | 16.74 | 16.90 | 16.65 | | |
| 5 | 16QAM | 12 | 0 | 16.77 | 16.74 | 16.73 | | |
| 5 | 16QAM | 12 | 7 | 16.82 | 16.92 | 16.81 | 18 | 0 |
| 5 | 16QAM | 12 | 13 | 16.69 | 16.84 | 16.79 | | |
| 5 | 16QAM | 25 | 0 | 16.72 | 16.88 | 16.70 | | |
| 5 | 84QAM | 1 | 0 | 16.76 | 16.83 | 16.69 | | |
| 5 | 84QAM | 1 | 12 | 16.69 | 16.94 | 16.78 | 18 | 0 |
| 5 | 84QAM | 1 | 24 | 16.79 | 16.88 | 16.84 | | |
| 5 | 84QAM | 12 | 0 | 16.78 | 16.82 | 16.81 | | |
| 5 | 84QAM | 12 | 7 | 16.79 | 16.92 | 16.73 | 18 | 0 |
| 5 | 84QAM | 12 | 13 | 16.77 | 16.85 | 16.73 | | |
| 5 | 84QAM | 25 | 0 | 16.69 | 16.86 | 16.76 | | |
| Channel | | | | 18615 | 18900 | 19185 | | |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.87 | 16.99 | 16.89 | | |
| 3 | QPSK | 1 | 8 | 16.72 | 16.87 | 16.76 | 18 | 0 |
| 3 | QPSK | 1 | 14 | 16.76 | 16.89 | 16.75 | | |
| 3 | QPSK | 8 | 0 | 16.79 | 16.87 | 16.85 | | |
| 3 | QPSK | 8 | 4 | 16.86 | 16.92 | 16.66 | 18 | 0 |
| 3 | QPSK | 15 | 0 | 16.78 | 16.88 | 16.89 | | |
| 3 | 16QAM | 1 | 0 | 16.76 | 16.90 | 16.72 | | |
| 3 | 16QAM | 1 | 8 | 16.79 | 16.82 | 16.79 | 18 | 0 |
| 3 | 16QAM | 1 | 14 | 16.83 | 16.83 | 16.70 | | |
| 3 | 16QAM | 8 | 0 | 16.86 | 16.80 | 16.72 | | |
| 3 | 16QAM | 8 | 4 | 16.79 | 16.95 | 16.81 | 18 | 0 |
| 3 | 16QAM | 8 | 7 | 16.72 | 16.86 | 16.83 | | |
| 3 | 16QAM | 15 | 0 | 16.78 | 16.84 | 16.69 | | |
| 3 | 84QAM | 1 | 0 | 16.82 | 16.80 | 16.67 | | |
| 3 | 84QAM | 1 | 8 | 16.78 | 16.87 | 16.77 | 18 | 0 |
| 3 | 84QAM | 1 | 14 | 16.74 | 16.82 | 16.77 | | |
| 3 | 84QAM | 8 | 0 | 16.70 | 16.92 | 16.80 | | |
| 3 | 84QAM | 8 | 4 | 16.76 | 16.90 | 16.76 | 18 | 0 |
| 3 | 84QAM | 8 | 7 | 16.83 | 16.87 | 16.72 | | |
| 3 | 84QAM | 15 | 0 | 16.75 | 16.80 | 16.82 | | |
| Channel | | | | 18507 | 18900 | 19093 | | |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.85 | 16.90 | 16.80 | | |
| 1.4 | QPSK | 1 | 3 | 16.74 | 16.90 | 16.69 | 18 | 0 |
| 1.4 | QPSK | 1 | 5 | 16.78 | 16.89 | 16.78 | | |
| 1.4 | QPSK | 3 | 0 | 16.89 | 16.93 | 16.78 | | |
| 1.4 | QPSK | 3 | 1 | 16.75 | 16.92 | 16.65 | 18 | 0 |
| 1.4 | QPSK | 3 | 3 | 16.77 | 16.86 | 16.74 | | |
| 1.4 | QPSK | 6 | 0 | 16.80 | 16.79 | 16.72 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.78 | 16.88 | 16.70 | | |
| 1.4 | 16QAM | 1 | 3 | 16.79 | 16.98 | 16.79 | 18 | 0 |
| 1.4 | 16QAM | 1 | 5 | 16.79 | 16.82 | 16.76 | | |
| 1.4 | 16QAM | 3 | 0 | 16.87 | 16.77 | 16.82 | | |
| 1.4 | 16QAM | 3 | 1 | 16.75 | 16.85 | 16.78 | 18 | 0 |
| 1.4 | 16QAM | 3 | 3 | 16.67 | 16.86 | 16.76 | | |
| 1.4 | 16QAM | 6 | 0 | 16.78 | 16.86 | 16.67 | 18 | 0 |
| 1.4 | 84QAM | 1 | 0 | 16.79 | 16.79 | 16.76 | | |
| 1.4 | 84QAM | 1 | 3 | 16.72 | 16.87 | 16.79 | | |
| 1.4 | 84QAM | 1 | 5 | 16.79 | 16.87 | 16.79 | 18 | 0 |
| 1.4 | 84QAM | 3 | 0 | 16.72 | 16.90 | 16.72 | | |
| 1.4 | 84QAM | 3 | 1 | 16.69 | 16.84 | 16.86 | | |
| 1.4 | 84QAM | 3 | 3 | 16.82 | 16.89 | 16.75 | 18 | 0 |
| 1.4 | 84QAM | 6 | 0 | 16.72 | 16.85 | 16.74 | | |

Band 4 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 16.83 | 16.83 | 16.75 | | |
| 20 | QPSK | 1 | 49 | 16.85 | 16.86 | 16.70 | 18 | 0 |
| 20 | QPSK | 1 | 99 | 16.88 | 16.90 | 16.72 | | |
| 20 | QPSK | 50 | 0 | 16.85 | 16.92 | 16.78 | | |
| 20 | QPSK | 50 | 24 | 16.87 | 16.86 | 16.75 | 18 | 0 |
| 20 | QPSK | 50 | 50 | 16.80 | 16.82 | 16.74 | | |
| 20 | QPSK | 100 | 0 | 16.81 | 16.89 | 16.73 | | |
| 20 | 16QAM | 1 | 0 | 16.82 | 16.88 | 16.77 | | |
| 20 | 16QAM | 1 | 49 | 16.79 | 16.86</ | | | |



Band 7 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2510 | 2551 | 2550 | | |
| 20 | QPSK | 1 | 0 | 16.47 | 16.51 | 16.39 | | |
| 20 | QPSK | 1 | 49 | 16.41 | 16.38 | 16.27 | 18 | 0 |
| 20 | QPSK | 1 | 99 | 16.38 | 16.40 | 16.27 | | |
| 20 | QPSK | 50 | 0 | 16.44 | 16.48 | 16.35 | | |
| 20 | QPSK | 50 | 24 | 16.39 | 16.45 | 16.25 | 18 | 0 |
| 20 | QPSK | 50 | 50 | 16.43 | 16.42 | 16.34 | | |
| 20 | QPSK | 100 | 0 | 16.38 | 16.42 | 16.30 | | |
| 20 | 16QAM | 1 | 0 | 16.36 | 16.45 | 16.24 | | |
| 20 | 16QAM | 1 | 49 | 16.26 | 16.31 | 16.14 | 18 | 0 |
| 20 | 16QAM | 1 | 99 | 16.25 | 16.25 | 16.12 | | |
| 20 | 16QAM | 50 | 0 | 16.32 | 16.32 | 16.29 | | |
| 20 | 16QAM | 50 | 24 | 16.24 | 16.34 | 16.13 | 18 | 0 |
| 20 | 16QAM | 50 | 50 | 16.37 | 16.31 | 16.22 | | |
| 20 | 16QAM | 100 | 0 | 16.30 | 16.33 | 16.19 | | |
| 20 | 84QAM | 1 | 0 | 16.33 | 16.36 | 16.26 | | |
| 20 | 84QAM | 1 | 49 | 16.35 | 16.27 | 16.12 | 18 | 0 |
| 20 | 84QAM | 1 | 99 | 16.28 | 16.32 | 16.19 | | |
| 20 | 84QAM | 50 | 0 | 16.34 | 16.43 | 16.27 | | |
| 20 | 84QAM | 50 | 24 | 16.32 | 16.35 | 16.18 | 18 | 0 |
| 20 | 84QAM | 50 | 50 | 16.37 | 16.31 | 16.30 | | |
| 20 | 84QAM | 100 | 0 | 16.31 | 16.36 | 16.23 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.42 | 16.40 | 16.26 | | |
| 15 | QPSK | 1 | 37 | 16.32 | 16.22 | 16.16 | 18 | 0 |
| 15 | QPSK | 1 | 74 | 16.27 | 16.32 | 16.22 | | |
| 15 | QPSK | 38 | 0 | 16.37 | 16.44 | 16.22 | | |
| 15 | QPSK | 38 | 20 | 16.31 | 16.38 | 16.21 | 18 | 0 |
| 15 | QPSK | 38 | 39 | 16.35 | 16.33 | 16.25 | | |
| 15 | QPSK | 75 | 0 | 16.23 | 16.31 | 16.15 | | |
| 15 | 16QAM | 1 | 0 | 16.32 | 16.41 | 16.17 | | |
| 15 | 16QAM | 1 | 37 | 16.21 | 16.18 | 16.01 | 18 | 0 |
| 15 | 16QAM | 1 | 74 | 16.11 | 16.14 | 16.06 | | |
| 15 | 16QAM | 36 | 0 | 16.23 | 16.26 | 16.18 | | |
| 15 | 16QAM | 36 | 20 | 16.10 | 16.26 | 16.05 | 18 | 0 |
| 15 | 16QAM | 36 | 39 | 16.27 | 16.19 | 16.14 | | |
| 15 | 16QAM | 75 | 0 | 16.15 | 16.24 | 16.05 | | |
| 15 | 84QAM | 1 | 0 | 16.17 | 16.24 | 16.15 | | |
| 15 | 84QAM | 1 | 37 | 16.24 | 16.12 | 16.03 | 18 | 0 |
| 15 | 84QAM | 1 | 74 | 16.22 | 16.18 | 16.06 | | |
| 15 | 84QAM | 36 | 0 | 16.24 | 16.33 | 16.17 | | |
| 15 | 84QAM | 36 | 20 | 16.18 | 16.21 | 16.11 | 18 | 0 |
| 15 | 84QAM | 36 | 39 | 16.22 | 16.18 | 16.20 | | |
| 15 | 84QAM | 75 | 0 | 16.20 | 16.22 | 16.15 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2500 | 2510 | 2510 | | |
| 10 | QPSK | 1 | 0 | 16.37 | 16.46 | 16.26 | | |
| 10 | QPSK | 1 | 25 | 16.36 | 16.33 | 16.22 | 18 | 0 |
| 10 | QPSK | 1 | 49 | 16.24 | 16.25 | 16.20 | | |
| 10 | QPSK | 25 | 0 | 16.32 | 16.33 | 16.30 | | |
| 10 | QPSK | 25 | 12 | 16.34 | 16.32 | 16.15 | 18 | 0 |
| 10 | QPSK | 25 | 25 | 16.32 | 16.33 | 16.30 | | |
| 10 | 16QAM | 50 | 0 | 16.25 | 16.32 | 16.20 | | |
| 10 | 16QAM | 1 | 0 | 16.28 | 16.29 | 16.09 | | |
| 10 | 16QAM | 1 | 25 | 16.15 | 16.26 | 16.05 | 18 | 0 |
| 10 | 16QAM | 1 | 49 | 16.13 | 16.19 | 16.05 | | |
| 10 | 16QAM | 25 | 0 | 16.17 | 16.26 | 16.23 | | |
| 10 | 16QAM | 25 | 12 | 16.12 | 16.30 | 16.04 | 18 | 0 |
| 10 | 16QAM | 25 | 25 | 16.24 | 16.20 | 16.09 | | |
| 10 | 16QAM | 50 | 0 | 16.25 | 16.22 | 16.06 | | |
| 10 | 84QAM | 1 | 0 | 16.18 | 16.26 | 16.18 | | |
| 10 | 84QAM | 1 | 25 | 16.30 | 16.16 | 16.01 | 18 | 0 |
| 10 | 84QAM | 1 | 49 | 16.19 | 16.27 | 16.13 | | |
| 10 | 84QAM | 25 | 0 | 16.18 | 16.29 | 16.14 | | |
| 10 | 84QAM | 25 | 12 | 16.22 | 16.20 | 16.05 | 18 | 0 |
| 10 | 84QAM | 25 | 25 | 16.27 | 16.16 | 16.16 | | |
| 10 | 84QAM | 50 | 0 | 16.23 | 16.25 | 16.09 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2077.5 | 2110 | 2142.5 | | |
| 5 | QPSK | 1 | 0 | 16.31 | 16.38 | 16.26 | | |
| 5 | QPSK | 1 | 12 | 16.27 | 16.29 | 16.21 | 18 | 0 |
| 5 | QPSK | 1 | 24 | 16.28 | 16.31 | 16.15 | | |
| 5 | QPSK | 12 | 0 | 16.31 | 16.36 | 16.25 | | |
| 5 | QPSK | 12 | 7 | 16.24 | 16.40 | 16.14 | 18 | 0 |
| 5 | QPSK | 12 | 13 | 16.30 | 16.29 | 16.23 | | |
| 5 | QPSK | 25 | 0 | 16.27 | 16.33 | 16.20 | | |
| 5 | 16QAM | 1 | 0 | 16.30 | 16.39 | 16.15 | | |
| 5 | 16QAM | 1 | 12 | 16.15 | 16.26 | 16.07 | 18 | 0 |
| 5 | 16QAM | 1 | 24 | 16.14 | 16.20 | 16.04 | | |
| 5 | 16QAM | 12 | 0 | 16.26 | 16.17 | 16.22 | | |
| 5 | 16QAM | 12 | 7 | 16.08 | 16.25 | 16.13 | 18 | 0 |
| 5 | 16QAM | 12 | 13 | 16.30 | 16.15 | 16.13 | | |
| 5 | 16QAM | 25 | 0 | 16.22 | 16.20 | 16.14 | | |
| 5 | 84QAM | 1 | 0 | 16.17 | 16.26 | 16.15 | | |
| 5 | 84QAM | 1 | 12 | 16.21 | 16.20 | 16.00 | 18 | 0 |
| 5 | 84QAM | 1 | 24 | 16.22 | 16.24 | 16.10 | | |
| 5 | 84QAM | 12 | 0 | 16.29 | 16.36 | 16.18 | | |
| 5 | 84QAM | 12 | 7 | 16.25 | 16.29 | 16.02 | 18 | 0 |
| 5 | 84QAM | 12 | 13 | 16.25 | 16.22 | 16.16 | | |
| 5 | 84QAM | 25 | 0 | 16.19 | 16.29 | 16.12 | | |

Band 12 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 21.14 | 21.19 | 21.11 | | |
| 10 | QPSK | 1 | 25 | 21.06 | 21.02 | 20.99 | 22.5 | 0 |
| 10 | QPSK | 1 | 49 | 21.03 | 21.03 | 21.06 | | |
| 10 | QPSK | 25 | 0 | 21.03 | 21.13 | 21.08 | | |
| 10 | QPSK | 25 | 12 | 21.01 | 21.12 | 20.96 | 22.5 | 0 |
| 10 | QPSK | 25 | 25 | 21.08 | 21.09 | 21.00 | | |
| 10 | QPSK | 50 | 0 | 20.97 | 21.06 | 21.01 | | |
| 10 | 16QAM | 1 | 0 | 21.06 | 21.10 | 21.05 | | |
| 10 | 16QAM | 1 | 25 | 21.00 | 21.05 | 21.05 | 22.5 | 0 |
| 10 | 16QAM | 1 | 49 | 21.08 | 21.09 | 21.01 | | |
| 10 | 16QAM | 25 | 0 | 20.57 | 20.71 | 20.54 | | |
| 10 | 16QAM | 25 | 12 | 20.59 | 20.66 | 20.58 | | |
| 10 | 16QAM | 25 | 25 | 20.52 | 20.62 | 20.49 | 22 | 0.5 |
| 10 | 16QAM | 50 | 0 | 20.70 | 20.74 | 20.68 | | |
| 10 | 84QAM | 1 | 0 | 20.52 | 20.63 | 20.59 | | |
| 10 | 84QAM | 1 | 25 | 20.48 | 20.58 | 20.51 | 22 | 0.5 |
| 10 | 84QAM | 1 | 49 | 20.46 | 20.52 | 20.43 | | |
| 10 | 84QAM | 25 | 0 | 19.64 | 19.66 | 19.64 | | |
| 10 | 84QAM | 25 | 12 | 19.40 | 19.52 | 19.42 | 21 | 1.5 |
| 10 | 84QAM | 25 | 25 | 19.45 | 19.62 | 19.59 | | |
| 10 | 84QAM | 50 | 0 | 19.65 | 19.70 | 19.56 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 703.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 21.00 | 21.04 | 21.03 | | |
| 5 | QPSK | 1 | 12 | 20.93 | 20.93 | 20.84 | 22.5 | 0 |
| 5 | QPSK | 1 | 24 | 20.87 | 20.98 | 20.94 | | |
| 5 | QPSK | 12 | 0 | 20.94 | 21.06 | 20.93 | | |
| 5 | QPSK | 12 | 7 | 20.94 | 21.03 | 20.80 | 22.5 | 0 |
| 5 | QPSK | 12 | 13 | 20.98 | 20.99 | 20.91 | | |
| 5 | QPSK | 25 | 0 | 20.85 | 20.99 | 20.91 | | |
| 5 | 16QAM | 1 | 0 | 20.95 | 21.01 | 21.00 | | |
| 5 | 16QAM | 1 | 12 | 20.95 | 20.96 | 20.98 | 22.5 | 0 |
| 5 | 16QAM | 1 | 24 | 20.94 | 20.95 | 20.90 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.58 | 20.44 | | |
| 5 | 16QAM | 12 | 7 | 20.44 | 20.57 | 20.53 | 22 | 0.5 |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.49 | 20.45 | | |
| 5 | 16QAM | 25 | 0 | 20.62 | 20.65 | 20.60 | | |
| 5 | 84QAM | 1 | 0 | 20.46 | 20.59 | 20.51 | | |
| 5 | 84QAM | 1 | 12 | 20.39 | 20.48 | 20.48 | 22 | 0.5 |
| 5 | 84QAM | 1 | 24 | 20.35 | 20.49 | 20.26 | | |
| 5 | 84QAM | 12 | 0 | 19.51 | 19.54 | 19.49 | | |
| 5 | 84QAM | 12 | 7 | 19.37 | 19.44 | 19.26 | 21 | 1.5 |
| 5 | 84QAM | 12 | 13 | 19.34 | 19.47 | 19.47 | | |
| 5 | 84QAM | 25 | 0 | 19.54 | 19.56 | 19.39 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 21.07 | 21.14 | 21.01 | | |
| 3 | QPSK | 1 | 8 | 21.01 | 20.97 | 20.84 | 22.5 | 0 |
| 3 | QPSK | 1 | 14 | 20.98 | 20.96 | 21.01 | | |
| 3 | QPSK | 8 | 0 | 20.89 | 21.07 | 21.02 | | |
| 3 | QPSK | 8 | 4 | 20.92 | 21.00 | 20.90 | 22.5 | 0 |
| 3 | QPSK | 8 | 7 | 21.03 | 20.97 | 20.86 | | |
| 3 | QPSK | 15 | 0 | 20.91 | 20.95 | 20.86 | | |
| 3 | 16QAM | 1 | 0 | 20.91 | 21.03 | 20.92 | | |
| 3 | 16QAM | 1 | 8 | 20.93 | 21.01 | 20.95 | 22.5 | 0 |
| 3 | 16QAM | 1 | 14 | 21.04 | 20.97 | 20.93 | | |



Band 17 Ant1 DSI2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|------|---|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.03 | 21.06 | 20.94 | 22.5 | 0 | | |
| 10 | QPSK | 1 | 25 | 20.95 | 20.91 | 20.85 | | | | |
| 10 | QPSK | 1 | 49 | 20.91 | 20.96 | 20.82 | | | | |
| 10 | QPSK | 25 | 0 | 20.97 | 21.01 | 20.89 | | | | |
| 10 | QPSK | 25 | 12 | 20.90 | 20.97 | 20.90 | 22.5 | 0 | | |
| 10 | QPSK | 25 | 25 | 20.94 | 20.98 | 20.87 | | | | |
| 10 | QPSK | 50 | 0 | 20.90 | 20.95 | 20.82 | | | | |
| 10 | 16QAM | 1 | 0 | 20.92 | 20.96 | 20.83 | | | | |
| 10 | 16QAM | 1 | 49 | 20.22 | 20.38 | 20.22 | 22.5 | 0 | | |
| 10 | 16QAM | 1 | 49 | 20.91 | 20.93 | 20.83 | | | | |
| 10 | 16QAM | 25 | 0 | 20.45 | 20.48 | 20.33 | | | | |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.35 | 20.18 | | | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.42 | 20.35 | 22 | 0.5 | | |
| 10 | 16QAM | 50 | 0 | 20.41 | 20.55 | 20.45 | | | | |
| 10 | 16QAM | 1 | 0 | 20.33 | 20.42 | 20.31 | | | | |
| 10 | 16QAM | 1 | 25 | 20.31 | 20.34 | 20.31 | | | | |
| 10 | 16QAM | 1 | 49 | 20.22 | 20.38 | 20.22 | 22 | 0.5 | | |
| 10 | 16QAM | 25 | 0 | 19.20 | 19.45 | 19.44 | | | | |
| 10 | 16QAM | 25 | 12 | 19.31 | 19.36 | 19.29 | | | | |
| 10 | 16QAM | 25 | 25 | 19.18 | 19.30 | 19.23 | | | | |
| 10 | 16QAM | 50 | 0 | 19.41 | 19.52 | 19.37 | 21 | 1.5 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 20.95 | 20.91 | 20.82 | | | 22.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.82 | 20.77 | 20.71 | | | | |
| 5 | QPSK | 1 | 24 | 20.84 | 20.84 | 20.75 | | | | |
| 5 | QPSK | 12 | 0 | 20.81 | 20.95 | 20.77 | | | | |
| 5 | QPSK | 12 | 7 | 20.76 | 20.84 | 20.86 | 22.5 | 0 | | |
| 5 | QPSK | 12 | 13 | 20.79 | 20.86 | 20.76 | | | | |
| 5 | QPSK | 25 | 0 | 20.77 | 20.84 | 20.73 | | | | |
| 5 | 16QAM | 1 | 0 | 20.86 | 20.89 | 20.89 | | | | |
| 5 | 16QAM | 1 | 12 | 20.88 | 20.93 | 20.75 | 22.5 | 0 | | |
| 5 | 16QAM | 1 | 24 | 20.80 | 20.82 | 20.68 | | | | |
| 5 | 16QAM | 12 | 0 | 20.39 | 20.34 | 20.30 | | | | |
| 5 | 16QAM | 12 | 7 | 20.13 | 20.27 | 20.07 | | | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.35 | 20.29 | 22 | 0.5 | | |
| 5 | 16QAM | 25 | 0 | 20.31 | 20.48 | 20.36 | | | | |
| 5 | 16QAM | 1 | 0 | 20.29 | 20.28 | 20.26 | | | | |
| 5 | 16QAM | 1 | 12 | 20.20 | 20.21 | 20.27 | | | | |
| 5 | 16QAM | 1 | 24 | 20.18 | 20.27 | 20.13 | 22 | 0.5 | | |
| 5 | 16QAM | 12 | 0 | 19.14 | 19.42 | 19.32 | | | | |
| 5 | 16QAM | 12 | 7 | 19.21 | 19.21 | 19.14 | | | | |
| 5 | 16QAM | 12 | 13 | 18.11 | 19.27 | 19.19 | | | | |
| 5 | 16QAM | 25 | 0 | 19.23 | 19.42 | 19.20 | 21 | 1.5 | | |

Band 26 for FCC Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|----|---|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.55 | 23.51 | 24 | 0 | | |
| 15 | QPSK | 1 | 37 | 23.37 | 23.41 | 23.28 | | | | |
| 15 | QPSK | 1 | 74 | 23.21 | 23.25 | 23.19 | | | | |
| 15 | QPSK | 36 | 0 | 22.24 | 22.38 | 22.31 | | | | |
| 15 | QPSK | 36 | 20 | 22.15 | 22.30 | 22.19 | 23 | 1 | | |
| 15 | QPSK | 36 | 39 | 22.22 | 22.32 | 22.29 | | | | |
| 15 | QPSK | 75 | 0 | 22.36 | 22.41 | 22.24 | | | | |
| 15 | 16QAM | 1 | 0 | 22.37 | 22.53 | 22.48 | | | | |
| 15 | 16QAM | 1 | 37 | 21.26 | 21.32 | 21.26 | 23 | 1 | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.40 | 22.33 | | | | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.47 | 22.40 | | | | |
| 15 | 16QAM | 36 | 0 | 21.24 | 21.37 | 21.25 | | | | |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.28 | 21.21 | 22 | 2 | | |
| 15 | 16QAM | 36 | 39 | 21.22 | 21.30 | 21.22 | | | | |
| 15 | 16QAM | 75 | 0 | 21.26 | 21.34 | 21.30 | | | | |
| 15 | 16QAM | 1 | 0 | 21.34 | 21.48 | 21.46 | | | | |
| 15 | 16QAM | 1 | 37 | 21.29 | 21.36 | 21.23 | 22 | 2 | | |
| 15 | 16QAM | 1 | 74 | 21.26 | 21.32 | 21.26 | | | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.33 | 20.26 | | | | |
| 15 | 16QAM | 36 | 20 | 20.13 | 20.27 | 20.22 | | | | |
| 15 | 16QAM | 36 | 39 | 20.15 | 20.23 | 20.16 | 21 | 3 | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.29 | 20.23 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.24 | 23.41 | 23.24 | 24 | 0 | | |
| 10 | QPSK | 1 | 25 | 23.35 | 23.35 | 23.23 | | | | |
| 10 | QPSK | 1 | 49 | 23.14 | 23.19 | 23.15 | | | | |
| 10 | QPSK | 25 | 0 | 22.11 | 22.35 | 22.24 | | | | |
| 10 | QPSK | 25 | 12 | 22.06 | 22.21 | 22.12 | 23 | 1 | | |
| 10 | QPSK | 25 | 25 | 22.11 | 22.23 | 22.16 | | | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.33 | 22.17 | | | | |
| 10 | 16QAM | 1 | 0 | 22.22 | 22.42 | 22.46 | | | | |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.33 | 22.27 | 23 | 1 | | |
| 10 | 16QAM | 1 | 49 | 22.37 | 22.37 | 22.37 | | | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.28 | 21.10 | | | | |
| 10 | 16QAM | 25 | 12 | 21.07 | 21.14 | 21.08 | | | | |
| 10 | 16QAM | 25 | 25 | 21.15 | 21.23 | 21.14 | 22 | 2 | | |
| 10 | 16QAM | 50 | 0 | 21.20 | 21.26 | 21.20 | | | | |
| 10 | 16QAM | 1 | 0 | 21.32 | 21.36 | 21.41 | | | | |
| 10 | 16QAM | 1 | 25 | 21.27 | 21.28 | 21.10 | | | | |
| 10 | 16QAM | 1 | 49 | 21.19 | 21.16 | 21.23 | 22 | 2 | | |
| 10 | 16QAM | 25 | 0 | 20.16 | 20.17 | 20.11 | | | | |
| 10 | 16QAM | 25 | 12 | 20.09 | 20.14 | 20.15 | | | | |
| 10 | 16QAM | 25 | 25 | 20.06 | 20.16 | 20.07 | | | | |
| 10 | 16QAM | 50 | 0 | 20.14 | 20.15 | 20.15 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.32 | 23.31 | 23.18 | | | 24 | 0 |
| 5 | QPSK | 1 | 12 | 23.30 | 23.39 | 23.24 | | | | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.10 | 23.13 | | | | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.27 | 22.24 | | | | |
| 5 | QPSK | 12 | 7 | 22.08 | 22.24 | 22.07 | 23 | 1 | | |
| 5 | QPSK | 12 | 13 | 22.18 | 22.20 | 22.18 | | | | |
| 5 | QPSK | 25 | 0 | 22.27 | 22.34 | 22.10 | | | | |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.45 | 22.45 | | | | |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.26 | 23 | 1 | | |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.43 | 22.32 | | | | |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.21 | 21.20 | | | | |
| 5 | 16QAM | 12 | 7 | 21.18 | 21.18 | 21.05 | | | | |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.15 | 21.10 | 22 | 2 | | |
| 5 | 16QAM | 25 | 0 | 21.18 | 21.26 | 21.23 | | | | |
| 5 | 16QAM | 25 | 12 | 21.31 | 21.46 | 21.29 | | | | |
| 5 | 16QAM | 25 | 25 | 21.22 | 21.34 | 21.09 | | | | |
| 5 | 16QAM | 1 | 0 | 21.11 | 21.22 | 21.16 | 22 | 2 | | |
| 5 | 16QAM | 12 | 0 | 20.18 | 20.23 | 20.23 | | | | |
| 5 | 16QAM | 12 | 7 | 19.88 | 20.25 | 20.14 | | | | |
| 5 | 16QAM | 12 | 13 | 20.06 | 20.12 | 20.14 | | | | |
| 5 | 16QAM | 25 | 0 | 20.08 | 20.24 | 20.17 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.29 | 23.41 | 23.18 | | | 24 | 0 |
| 3 | QPSK | 1 | 8 | 23.26 | 23.24 | 23.18 | | | | |
| 3 | QPSK | 1 | 14 | 23.13 | 23.09 | 23.13 | | | | |
| 3 | QPSK | 8 | 0 | 22.18 | 22.34 | 22.21 | | | | |
| 3 | QPSK | 8 | 4 | 22.03 | 22.23 | 22.13 | 23 | 1 | | |
| 3 | QPSK | 8 | 7 | 22.10 | 22.16 | 22.17 | | | | |
| 3 | QPSK | 15 | 0 | 22.32 | 22.25 | 22.16 | | | | |
| 3 | 16QAM | 1 | 0 | 22.30 | 22.42 | 22.37 | | | | |
| 3 | 16QAM | 1 | 8 | 22.31 | 22.33 | 22.21 | 23 | 1 | | |
| 3 | 16QAM | 1 | 14 | 22.35 | 22.42 | 22.38 | | | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.34 | 21.21 | | | | |
| 3 | 16QAM | 8 | 4 | 21.17 | 21.21 | 21.07 | | | | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.16 | 21.11 | 22 | 2 | | |
| 3 | 16QAM | 15 | 0 | 21.17 | 21.24 | 21.22 | | | | |
| 3 | 16QAM | 1 | 0 | 21.30 | 21.46 | 21.34 | | | | |
| 3 | 16QAM | 1 | 8 | 21.26 | 21.23 | 21.14 | | | | |
| 3 | 16QAM | 1 | 14 | 21.12 | 21.18 | 21.18 | 22 | 2 | | |
| 3 | 16QAM | 8 | 0 | 20.06 | 20.29 | 20.19 | | | | |
| 3 | 16QAM | 8 | 4 | 20.06 | 20.14 | 20.16 | | | | |
| 3 | 16QAM | 8 | 7 | 20.04 | 20.19 | 20.08 | | | | |
| 3 | 16QAM | 15 | 0 | 20.12 | 20.21 | 20.10 | 21 | 3 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.33 | 23.43 | 23.14 | | | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.31 | 23.33 | 23.17 | | | | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.16 | 23.11 | | | | |
| 1.4 | QPSK | 3 | 0 | 23.16 | 23.35 | 23.28 | | | | |
| 1.4 | QPSK | 3 | 1 | 23.11 | 23.28 | 23.05 | 23 | 1 | | |
| 1.4 | QPSK | 3 | 3 | 23.10 | 23.24 | 23.15 | | | | |
| 1.4 | QPSK | 6 | 0 | 22.32 | 22.36 | 22.17 | | | | |
| 1.4 | 16QAM | 1 | 0 | 22.29 | 22.38 | 22.44 | | | | |
| 1.4 | 16QAM | 1 | 3 | 22.23 | 22.27 | 22.19 | 23 | 1 | | |
| 1.4 | 16QAM | 1 | 5 | 22.29 | 22.40 | 22.30 | | | | |
| 1.4 | 16QAM | 3 | 0 | 22.21 | 22.35 | 22.15 | | | | |
| 1.4 | 16QAM | 3 | 1 | 22.06 | 22.16 | 22.10 | | | | |
| 1.4 | 16QAM | 3 | 3 | 22.20 | 22.18 | 22.06 | 22 | 2 | | |
| 1.4 | 16QAM | 6 | 0 | 21.16 | 21.23 | 21.15 | | | | |
| 1.4 | 16QAM | 1 | 0 | 21.18 | 21.38 | 21.42 | | | | |
| 1.4 | 16QAM | 1 | 3 | 21.22 | 21.24 | 21.13 | | | | |
| 1.4 | 16QAM | 1 | 5 | 21.16 | 21.28 | 21.12 | 22 | 2 | | |
| 1.4 | 16QAM | 3 | 0 | 21.12 | 21.26 | 21.19 | | | | |
| 1.4 | 16QAM | 3 | 1 | 20.97 | 21.18 | 21.17 | | | | |
| 1.4 | 16QAM | 3 | 3 | 21.07 | 21.13 | 21.02 | | | | |
| 1.4 | 16QAM | 6 | 0 | 20.11 | 20.25 | 20.09 | 21 | 3 | | |

Band 66 Ant1 DSI2

| BW [MHz] | Modulation | RB Size | RB Offset |
|----------|------------|---------|-----------|
|----------|------------|---------|-----------|



| Band 38 Ant1 DS12 | | | | | | | | | | | |
|-------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | | |
| Frequency (MHz) | | | | 2880 | 2595 | 2610 | | | | | |
| 20 | QPSK | 1 | 0 | 17.91 | 17.96 | 17.88 | 19 | 0 | | | |
| 20 | QPSK | 1 | 49 | 17.78 | 17.87 | 17.81 | | | | | |
| 20 | QPSK | 1 | 99 | 17.86 | 17.80 | 17.76 | | | | | |
| 20 | QPSK | 50 | 0 | 17.86 | 17.90 | 17.82 | | | | | |
| 20 | QPSK | 50 | 24 | 17.83 | 17.81 | 17.74 | 19 | 0 | | | |
| 20 | QPSK | 50 | 50 | 17.74 | 17.83 | 17.80 | | | | | |
| 20 | QPSK | 100 | 0 | 17.75 | 17.78 | 17.73 | | | | | |
| 20 | 16QAM | 1 | 0 | 17.86 | 17.85 | 17.75 | | | | | |
| 20 | 16QAM | 1 | 49 | 17.64 | 17.74 | 17.70 | 19 | 0 | | | |
| 20 | 16QAM | 1 | 99 | 17.76 | 17.71 | 17.72 | | | | | |
| 20 | 16QAM | 50 | 0 | 17.74 | 17.80 | 17.77 | | | | | |
| 20 | 16QAM | 50 | 24 | 17.71 | 17.72 | 17.61 | 19 | 0 | | | |
| 20 | 16QAM | 50 | 50 | 17.61 | 17.76 | 17.70 | | | | | |
| 20 | 16QAM | 100 | 0 | 17.61 | 17.63 | 17.68 | | | | | |
| 20 | 64QAM | 1 | 0 | 17.83 | 17.89 | 17.83 | | | | | |
| 20 | 64QAM | 1 | 49 | 17.71 | 17.72 | 17.75 | 19 | 0 | | | |
| 20 | 64QAM | 1 | 99 | 17.78 | 17.70 | 17.71 | | | | | |
| 20 | 64QAM | 50 | 0 | 17.71 | 17.78 | 17.73 | | | | | |
| 20 | 64QAM | 50 | 24 | 17.78 | 17.76 | 17.61 | 19 | 0 | | | |
| 20 | 64QAM | 50 | 50 | 17.61 | 17.76 | 17.70 | | | | | |
| 20 | 64QAM | 100 | 0 | 17.69 | 17.67 | 17.59 | | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | | |
| 15 | QPSK | 1 | 0 | 17.80 | 17.91 | 17.77 | 19 | 0 | | | |
| 15 | QPSK | 1 | 37 | 17.66 | 17.76 | 17.73 | | | | | |
| 15 | QPSK | 1 | 74 | 17.81 | 17.66 | 17.68 | | | | | |
| 15 | QPSK | 36 | 0 | 17.62 | 17.73 | 17.64 | 19 | 0 | | | |
| 15 | QPSK | 36 | 20 | 17.71 | 17.68 | 17.59 | | | | | |
| 15 | QPSK | 36 | 39 | 17.77 | 17.68 | 17.70 | | | | | |
| 15 | QPSK | 75 | 0 | 17.63 | 17.66 | 17.69 | | | | | |
| 15 | 16QAM | 1 | 0 | 17.77 | 17.80 | 17.67 | | | | | |
| 15 | 16QAM | 1 | 37 | 17.48 | 17.61 | 17.61 | 19 | 0 | | | |
| 15 | 16QAM | 1 | 74 | 17.71 | 17.59 | 17.62 | | | | | |
| 15 | 16QAM | 36 | 0 | 17.62 | 17.73 | 17.64 | 19 | 0 | | | |
| 15 | 16QAM | 36 | 20 | 17.59 | 17.64 | 17.49 | | | | | |
| 15 | 16QAM | 36 | 39 | 17.60 | 17.63 | 17.56 | | | | | |
| 15 | 16QAM | 75 | 0 | 17.48 | 17.50 | 17.59 | | | | | |
| 15 | 64QAM | 1 | 0 | 17.74 | 17.85 | 17.74 | | | | | |
| 15 | 64QAM | 1 | 37 | 17.58 | 17.60 | 17.68 | 19 | 0 | | | |
| 15 | 64QAM | 1 | 74 | 17.74 | 17.56 | 17.59 | | | | | |
| 15 | 64QAM | 36 | 0 | 17.61 | 17.69 | 17.63 | 19 | 0 | | | |
| 15 | 64QAM | 36 | 20 | 17.64 | 17.61 | 17.55 | | | | | |
| 15 | 64QAM | 36 | 39 | 17.52 | 17.68 | 17.64 | | | | | |
| 15 | 64QAM | 75 | 0 | 17.57 | 17.59 | 17.47 | | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | | |
| Frequency (MHz) | | | | 2675 | 2595 | 2615 | | | | | |
| 10 | QPSK | 1 | 0 | 17.85 | 17.89 | 17.82 | 19 | 0 | | | |
| 10 | QPSK | 1 | 25 | 17.62 | 17.72 | 17.61 | | | | | |
| 10 | QPSK | 1 | 49 | 17.77 | 17.67 | 17.66 | | | | | |
| 10 | QPSK | 25 | 0 | 17.80 | 17.80 | 17.78 | 19 | 0 | | | |
| 10 | QPSK | 25 | 12 | 17.77 | 17.68 | 17.63 | | | | | |
| 10 | QPSK | 25 | 25 | 17.73 | 17.74 | 17.65 | | | | | |
| 10 | QPSK | 50 | 0 | 17.61 | 17.70 | 17.66 | | | | | |
| 10 | 16QAM | 1 | 0 | 17.79 | 17.69 | 17.66 | | | | | |
| 10 | 16QAM | 1 | 25 | 17.58 | 17.68 | 17.56 | 19 | 0 | | | |
| 10 | 16QAM | 1 | 49 | 17.72 | 17.60 | 17.59 | | | | | |
| 10 | 16QAM | 25 | 0 | 17.68 | 17.74 | 17.66 | | | | | |
| 10 | 16QAM | 25 | 12 | 17.66 | 17.64 | 17.54 | 19 | 0 | | | |
| 10 | 16QAM | 25 | 25 | 17.65 | 17.63 | 17.59 | | | | | |
| 10 | 16QAM | 50 | 0 | 17.52 | 17.56 | 17.60 | | | | | |
| 10 | 64QAM | 1 | 0 | 17.71 | 17.73 | 17.71 | | | | | |
| 10 | 64QAM | 1 | 25 | 17.62 | 17.64 | 17.65 | 19 | 0 | | | |
| 10 | 64QAM | 1 | 49 | 17.73 | 17.60 | 17.61 | | | | | |
| 10 | 64QAM | 25 | 0 | 17.61 | 17.69 | 17.60 | | | | | |
| 10 | 64QAM | 25 | 12 | 17.67 | 17.72 | 17.54 | 19 | 0 | | | |
| 10 | 64QAM | 25 | 25 | 17.51 | 17.68 | 17.60 | | | | | |
| 10 | 64QAM | 50 | 0 | 17.55 | 17.56 | 17.55 | | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | | |
| Frequency (MHz) | | | | 2672.5 | 2595 | 2617.5 | | | | | |
| 5 | QPSK | 1 | 0 | 17.80 | 17.87 | 17.78 | 19 | 0 | | | |
| 5 | QPSK | 1 | 12 | 17.66 | 17.74 | 17.67 | | | | | |
| 5 | QPSK | 1 | 24 | 17.81 | 17.68 | 17.64 | | | | | |
| 5 | QPSK | 12 | 0 | 17.73 | 17.84 | 17.74 | 19 | 0 | | | |
| 5 | QPSK | 12 | 7 | 17.72 | 17.76 | 17.67 | | | | | |
| 5 | QPSK | 12 | 13 | 17.78 | 17.71 | 17.66 | | | | | |
| 5 | QPSK | 25 | 0 | 17.62 | 17.64 | 17.63 | 19 | 0 | | | |
| 5 | 16QAM | 1 | 0 | 17.72 | 17.71 | 17.60 | | | | | |
| 5 | 16QAM | 1 | 12 | 17.59 | 17.68 | 17.62 | 19 | 0 | | | |
| 5 | 16QAM | 1 | 24 | 17.63 | 17.65 | 17.62 | | | | | |
| 5 | 16QAM | 12 | 0 | 17.63 | 17.67 | 17.66 | | | | | |
| 5 | 16QAM | 12 | 7 | 17.56 | 17.61 | 17.48 | 19 | 0 | | | |
| 5 | 16QAM | 12 | 13 | 17.66 | 17.64 | 17.56 | | | | | |
| 5 | 16QAM | 25 | 0 | 17.49 | 17.54 | 17.61 | | | | | |
| 5 | 64QAM | 1 | 0 | 17.70 | 17.81 | 17.73 | | | | | |
| 5 | 64QAM | 1 | 12 | 17.59 | 17.61 | 17.64 | 19 | 0 | | | |
| 5 | 64QAM | 1 | 24 | 17.67 | 17.62 | 17.65 | | | | | |
| 5 | 64QAM | 12 | 0 | 17.67 | 17.68 | 17.68 | | | | | |
| 5 | 64QAM | 12 | 7 | 17.74 | 17.60 | 17.56 | 19 | 0 | | | |
| 5 | 64QAM | 12 | 13 | 17.61 | 17.63 | 17.62 | | | | | |
| 5 | 64QAM | 25 | 0 | 17.57 | 17.58 | 17.45 | | | | | |

| Band 41 Ant1 DS12 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------------|-------------------------|------------------------------|-----------------------|-----------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Middle Ch / Freq. | Power Middle Ch / Freq. | Power High Middle Ch / Freq. | Power High Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 39750 | 40185 | 40620 | 41055 | 41600 | | |
| Frequency (MHz) | | | | 2505 | 2549.5 | 2593 | 2638.5 | 2680 | | |
| 20 | QPSK | 1 | 0 | 16.14 | 16.05 | 16.20 | 16.09 | 15.98 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 16.00 | 15.99 | 16.05 | 16.01 | 15.82 | | |
| 20 | QPSK | 1 | 99 | 16.09 | 15.93 | 16.07 | 16.00 | 15.87 | | |
| 20 | QPSK | 50 | 0 | 16.06 | 15.97 | 16.17 | 16.02 | 15.93 | | |
| 20 | QPSK | 50 | 24 | 15.99 | 16.00 | 16.08 | 15.94 | 15.83 | 17 | 0 |
| 20 | QPSK | 50 | 50 | 16.08 | 15.98 | 16.04 | 15.93 | 15.72 | | |
| 20 | QPSK | 100 | 0 | 16.02 | 15.93 | 16.12 | 15.98 | 15.88 | | |
| 20 | 16QAM | 1 | 0 | 16.07 | 15.96 | 16.14 | 16.04 | 15.90 | | |
| 20 | 16QAM | 1 | 49 | 15.86 | 15.94 | 15.93 | 15.92 | 15.69 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 16.00 | 15.81 | 15.91 | 15.92 | 15.79 | | |
| 20 | 16QAM | 50 | 0 | 15.98 | 15.85 | 16.11 | 15.90 | 15.81 | | |
| 20 | 16QAM | 50 | 24 | 15.84 | 15.87 | 15.96 | 15.78 | 15.78 | 17 | 0 |
| 20 | 16QAM | 50 | 50 | 15.92 | 15.93 | 16.08 | 15.83 | 15.72 | | |
| 20 | 16QAM | 100 | 0 | 15.96 | 15.83 | 16.00 | 15.89 | 15.78 | | |
| 20 | 64QAM | 1 | 0 | 16.05 | 15.93 | 16.11 | 15.95 | 15.93 | | |
| 20 | 64QAM | 1 | 49 | 15.86 | 15.91 | 15.96 | 15.93 | 15.72 | 17 | 0 |
| 20 | 64QAM | 1 | 99 | 15.98 | 15.81 | 16.01 | 15.88 | 15.74 | | |
| 20 | 64QAM | 50 | 0 | 15.96 | 15.92 | 16.09 | 15.97 | 15.79 | | |
| 20 | 64QAM | 50 | 24 | 15.86 | 15.91 | 15.98 | 15.79 | 15.67 | 17 | 0 |
| 20 | 64QAM | 50 | 50 | 16.02 | 15.93 | 16.08 | 15.83 | 15.72 | | |
| 20 | 64QAM | 100 | 0 | 15.95 | 15.88 | 15.97 | 15.85 | 15.80 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 16.04 | 15.95 | 16.15 | 15.98 | 15.90 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.95 | 15.91 | 15.93 | 15.91 | 15.74 | | |
| 15 | QPSK | 1 | 74 | 15.99 | 15.82 | 15.94 | 15.93 | 15.81 | | |
| 15 | QPSK | 36 | 0 | 15.97 | 15.87 | 16.03 | 15.94 | 15.88 | 17 | 0 |
| 15 | QPSK | 36 | 20 | 15.87 | 15.87 | 16.00 | 15.86 | 15.77 | | |
| 15 | QPSK | 36 | 39 | 16.02 | 15.88 | 16.10 | 15.93 | 15.72 | | |
| 15 | QPSK | 75 | 0 | 15.87 | 15.79 | 16.05 | 15.90 | 15.82 | | |
| 15 | 16QAM | 1 | 0 | 15.98 | 15.88 | 16.10 | 15.94 | 15.78 | | |
| 15 | 16QAM | 1 | 37 | 15.82 | 15.85 | | | | | |



Part27Q Band 42 Ant2 DSI2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3480 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 17.11 | 17.16 | 17.12 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 17.01 | 17.04 | 17.05 | | |
| 20 | QPSK | 1 | 99 | 16.99 | 17.02 | 17.04 | | |
| 20 | QPSK | 50 | 0 | 17.04 | 17.12 | 17.07 | | |
| 20 | QPSK | 50 | 24 | 17.02 | 17.07 | 17.04 | | |
| 20 | 16QAM | 50 | 50 | 17.05 | 16.95 | 16.87 | 18 | 0 |
| 20 | QPSK | 100 | 0 | 16.81 | 16.87 | 16.74 | | |
| 20 | 16QAM | 1 | 0 | 17.01 | 17.10 | 16.96 | | |
| 20 | 16QAM | 1 | 49 | 16.92 | 16.89 | 16.94 | | |
| 20 | 16QAM | 1 | 99 | 16.90 | 16.89 | 16.98 | | |
| 20 | 16QAM | 50 | 0 | 16.89 | 17.00 | 17.05 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.92 | 17.03 | 16.94 | | |
| 20 | 16QAM | 50 | 50 | 17.01 | 16.95 | 16.87 | | |
| 20 | 16QAM | 100 | 0 | 16.70 | 16.79 | 16.64 | | |
| 20 | 64QAM | 1 | 0 | 17.00 | 17.08 | 17.08 | | |
| 20 | 64QAM | 1 | 49 | 16.91 | 16.92 | 16.93 | 18 | 0 |
| 20 | 64QAM | 1 | 99 | 16.89 | 16.93 | 16.88 | | |
| 20 | 64QAM | 50 | 0 | 16.94 | 17.04 | 16.95 | | |
| 20 | 64QAM | 50 | 24 | 16.96 | 16.92 | 16.99 | | |
| 20 | 64QAM | 50 | 50 | 17.01 | 16.94 | 16.91 | | |
| 20 | 64QAM | 100 | 0 | 16.69 | 16.76 | 16.62 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 17.07 | 17.01 | 17.01 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.85 | 16.98 | 16.94 | | |
| 15 | QPSK | 1 | 74 | 16.94 | 16.95 | 16.90 | | |
| 15 | QPSK | 36 | 0 | 16.88 | 16.97 | 17.04 | | |
| 15 | QPSK | 36 | 20 | 16.98 | 17.01 | 16.96 | | |
| 15 | QPSK | 36 | 39 | 17.00 | 16.88 | 16.94 | 18 | 0 |
| 15 | QPSK | 75 | 0 | 16.86 | 16.73 | 16.59 | | |
| 15 | 16QAM | 1 | 0 | 16.94 | 16.99 | 16.81 | | |
| 15 | 16QAM | 1 | 37 | 16.80 | 16.74 | 16.84 | | |
| 15 | 16QAM | 1 | 74 | 16.78 | 16.79 | 16.82 | | |
| 15 | 16QAM | 36 | 0 | 16.82 | 16.99 | 16.94 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.82 | 16.88 | 16.80 | | |
| 15 | 16QAM | 36 | 39 | 16.90 | 16.83 | 16.83 | | |
| 15 | 16QAM | 75 | 0 | 16.58 | 16.67 | 16.60 | | |
| 15 | 64QAM | 1 | 0 | 16.87 | 17.01 | 16.95 | | |
| 15 | 64QAM | 1 | 37 | 16.87 | 16.82 | 16.84 | 18 | 0 |
| 15 | 64QAM | 1 | 74 | 16.73 | 16.77 | 16.82 | | |
| 15 | 64QAM | 36 | 0 | 16.88 | 16.96 | 16.90 | | |
| 15 | 64QAM | 36 | 20 | 16.84 | 16.84 | 16.92 | | |
| 15 | 64QAM | 36 | 39 | 16.91 | 16.86 | 16.85 | | |
| 15 | 64QAM | 75 | 0 | 16.55 | 16.61 | 16.57 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 17.06 | 17.12 | 16.98 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.91 | 16.96 | 16.93 | | |
| 10 | QPSK | 1 | 49 | 16.92 | 16.87 | 16.95 | | |
| 10 | QPSK | 25 | 0 | 16.97 | 17.02 | 17.01 | | |
| 10 | QPSK | 25 | 12 | 16.88 | 16.98 | 16.88 | | |
| 10 | QPSK | 25 | 25 | 17.00 | 16.94 | 16.90 | 18 | 0 |
| 10 | QPSK | 50 | 0 | 16.73 | 16.81 | 16.59 | | |
| 10 | 16QAM | 1 | 0 | 16.92 | 17.02 | 16.81 | | |
| 10 | 16QAM | 1 | 25 | 16.85 | 16.82 | 16.87 | | |
| 10 | 16QAM | 1 | 49 | 16.80 | 16.79 | 16.92 | | |
| 10 | 16QAM | 25 | 0 | 16.79 | 16.88 | 16.92 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.79 | 16.90 | 16.79 | | |
| 10 | 16QAM | 25 | 25 | 16.88 | 16.81 | 16.72 | | |
| 10 | 16QAM | 50 | 0 | 16.59 | 16.71 | 16.59 | | |
| 10 | 64QAM | 1 | 0 | 16.91 | 16.98 | 16.92 | | |
| 10 | 64QAM | 1 | 25 | 16.84 | 16.79 | 16.95 | 18 | 0 |
| 10 | 64QAM | 1 | 49 | 16.76 | 16.84 | 16.83 | | |
| 10 | 64QAM | 25 | 0 | 16.87 | 16.95 | 16.88 | | |
| 10 | 64QAM | 25 | 12 | 16.90 | 16.81 | 16.95 | | |
| 10 | 64QAM | 25 | 25 | 16.92 | 16.82 | 16.84 | | |
| 10 | 64QAM | 50 | 0 | 16.64 | 16.72 | 16.55 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3517.5 | | |
| 5 | QPSK | 1 | 0 | 16.97 | 17.01 | 16.96 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.86 | 16.94 | 16.80 | | |
| 5 | QPSK | 1 | 24 | 16.89 | 16.87 | 16.91 | | |
| 5 | QPSK | 12 | 0 | 16.93 | 16.98 | 17.05 | | |
| 5 | QPSK | 12 | 7 | 16.98 | 16.96 | 16.90 | | |
| 5 | QPSK | 12 | 13 | 16.91 | 16.90 | 16.97 | 18 | 0 |
| 5 | QPSK | 25 | 0 | 16.87 | 16.82 | 16.87 | | |
| 5 | 16QAM | 1 | 0 | 16.89 | 17.00 | 16.83 | | |
| 5 | 16QAM | 1 | 12 | 16.85 | 16.83 | 16.89 | | |
| 5 | 16QAM | 1 | 24 | 16.76 | 16.80 | 16.84 | | |
| 5 | 16QAM | 12 | 0 | 16.81 | 16.87 | 16.90 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.88 | 16.91 | 16.85 | | |
| 5 | 16QAM | 12 | 13 | 16.86 | 16.83 | 16.73 | | |
| 5 | 16QAM | 25 | 0 | 16.65 | 16.65 | 16.54 | | |
| 5 | 64QAM | 1 | 0 | 16.94 | 16.93 | 16.97 | | |
| 5 | 64QAM | 1 | 12 | 16.84 | 16.87 | 16.84 | 18 | 0 |
| 5 | 64QAM | 1 | 24 | 16.76 | 16.85 | 16.73 | | |
| 5 | 64QAM | 12 | 0 | 16.90 | 16.98 | 16.79 | | |
| 5 | 64QAM | 12 | 7 | 16.90 | 16.84 | 16.93 | | |
| 5 | 64QAM | 12 | 13 | 16.91 | 16.90 | 16.79 | | |
| 5 | 64QAM | 25 | 0 | 16.64 | 16.62 | 16.49 | | |



Reduced Power Mode for DS12 Simultaneous

| Band 2 Ant1 DS12 for ENDG | | | | | | | | | |
|---------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 14.97 | 15.08 | 14.91 | | | |
| 20 | QPSK | 1 | 49 | 14.87 | 14.97 | 14.80 | 16 | 0 | |
| 20 | QPSK | 1 | 99 | 14.91 | 15.04 | 14.86 | | | |
| 20 | QPSK | 50 | 0 | 14.95 | 15.06 | 14.83 | | | |
| 20 | QPSK | 50 | 24 | 14.79 | 14.98 | 14.78 | 16 | 0 | |
| 20 | QPSK | 50 | 50 | 14.84 | 14.99 | 14.78 | | | |
| 20 | QPSK | 100 | 0 | 14.87 | 14.95 | 14.83 | | | |
| 20 | 16QAM | 1 | 0 | 14.92 | 14.98 | 14.83 | | | |
| 20 | 16QAM | 1 | 49 | 14.92 | 14.88 | 14.85 | 16 | 0 | |
| 20 | 16QAM | 1 | 99 | 14.82 | 14.93 | 14.78 | | | |
| 20 | 16QAM | 50 | 0 | 14.97 | 14.87 | 14.92 | | | |
| 20 | 16QAM | 50 | 24 | 14.90 | 14.95 | 14.92 | 16 | 0 | |
| 20 | 16QAM | 50 | 50 | 14.82 | 14.90 | 14.87 | | | |
| 20 | 16QAM | 100 | 0 | 14.87 | 14.97 | 14.75 | | | |
| 20 | 84QAM | 1 | 0 | 14.95 | 14.94 | 14.75 | | | |
| 20 | 84QAM | 1 | 49 | 14.89 | 14.95 | 14.87 | 16 | 0 | |
| 20 | 84QAM | 1 | 99 | 14.82 | 14.88 | 14.93 | | | |
| 20 | 84QAM | 50 | 0 | 14.80 | 14.97 | 14.90 | | | |
| 20 | 84QAM | 50 | 24 | 14.83 | 14.97 | 14.94 | 16 | 0 | |
| 20 | 84QAM | 50 | 50 | 14.84 | 14.98 | 14.80 | | | |
| 20 | 84QAM | 100 | 0 | 14.85 | 14.98 | 14.90 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 14.92 | 15.00 | 14.83 | | | |
| 15 | QPSK | 1 | 37 | 14.79 | 14.94 | 14.88 | 16 | 0 | |
| 15 | QPSK | 1 | 74 | 14.82 | 14.91 | 14.82 | | | |
| 15 | QPSK | 36 | 0 | 14.87 | 14.99 | 14.72 | | | |
| 15 | QPSK | 36 | 20 | 14.69 | 14.90 | 14.67 | 16 | 0 | |
| 15 | QPSK | 36 | 39 | 14.77 | 14.88 | 14.72 | | | |
| 15 | QPSK | 75 | 0 | 14.77 | 14.88 | 14.71 | | | |
| 15 | 16QAM | 1 | 0 | 14.79 | 14.84 | 14.70 | | | |
| 15 | 16QAM | 1 | 37 | 14.81 | 14.86 | 14.83 | 16 | 0 | |
| 15 | 16QAM | 1 | 74 | 14.74 | 14.89 | 14.88 | | | |
| 15 | 16QAM | 36 | 0 | 14.79 | 14.79 | 14.79 | | | |
| 15 | 16QAM | 36 | 20 | 14.81 | 14.81 | 14.90 | 16 | 0 | |
| 15 | 16QAM | 36 | 39 | 14.74 | 14.85 | 14.77 | | | |
| 15 | 16QAM | 75 | 0 | 14.77 | 14.88 | 14.61 | | | |
| 15 | 84QAM | 1 | 0 | 14.88 | 14.85 | 14.69 | | | |
| 15 | 84QAM | 1 | 37 | 14.80 | 14.98 | 14.73 | 16 | 0 | |
| 15 | 84QAM | 1 | 74 | 14.80 | 14.86 | 14.84 | | | |
| 15 | 84QAM | 36 | 0 | 14.87 | 14.94 | 14.79 | | | |
| 15 | 84QAM | 36 | 20 | 14.77 | 14.94 | 14.88 | 16 | 0 | |
| 15 | 84QAM | 36 | 39 | 14.73 | 14.95 | 14.76 | | | |
| 15 | 84QAM | 75 | 0 | 14.72 | 14.89 | 14.77 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 14.85 | 15.04 | 14.81 | | | |
| 10 | QPSK | 1 | 25 | 14.81 | 14.86 | 14.73 | 16 | 0 | |
| 10 | QPSK | 1 | 49 | 14.80 | 14.93 | 14.73 | | | |
| 10 | QPSK | 25 | 0 | 14.86 | 14.94 | 14.79 | | | |
| 10 | QPSK | 25 | 12 | 14.71 | 14.87 | 14.71 | 16 | 0 | |
| 10 | QPSK | 25 | 25 | 14.84 | 14.91 | 14.72 | | | |
| 10 | QPSK | 50 | 0 | 14.78 | 14.80 | 14.71 | | | |
| 10 | 16QAM | 1 | 0 | 14.78 | 14.89 | 14.71 | | | |
| 10 | 16QAM | 1 | 25 | 14.86 | 14.85 | 14.78 | 16 | 0 | |
| 10 | 16QAM | 1 | 49 | 14.80 | 14.84 | 14.67 | | | |
| 10 | 16QAM | 25 | 0 | 14.91 | 14.82 | 14.83 | | | |
| 10 | 16QAM | 25 | 12 | 14.82 | 14.89 | 14.79 | 16 | 0 | |
| 10 | 16QAM | 25 | 25 | 14.76 | 14.85 | 14.73 | | | |
| 10 | 16QAM | 50 | 0 | 14.76 | 14.86 | 14.72 | | | |
| 10 | 84QAM | 1 | 0 | 14.87 | 14.83 | 14.67 | 16 | 0 | |
| 10 | 84QAM | 1 | 25 | 14.79 | 14.95 | 14.76 | | | |
| 10 | 84QAM | 1 | 49 | 14.73 | 14.76 | 14.85 | | | |
| 10 | 84QAM | 25 | 0 | 14.66 | 14.84 | 14.88 | 16 | 0 | |
| 10 | 84QAM | 25 | 12 | 14.74 | 14.90 | 14.89 | | | |
| 10 | 84QAM | 25 | 25 | 14.79 | 14.96 | 14.74 | | | |
| 10 | 84QAM | 50 | 0 | 14.77 | 14.86 | 14.84 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 14.94 | 15.04 | 14.80 | | | |
| 5 | QPSK | 1 | 12 | 14.84 | 14.83 | 14.75 | 16 | 0 | |
| 5 | QPSK | 1 | 24 | 14.88 | 14.95 | 14.83 | | | |
| 5 | QPSK | 12 | 0 | 14.92 | 14.93 | 14.74 | | | |
| 5 | QPSK | 12 | 7 | 14.73 | 14.85 | 14.75 | 16 | 0 | |
| 5 | QPSK | 12 | 13 | 14.73 | 14.91 | 14.67 | | | |
| 5 | QPSK | 25 | 0 | 14.81 | 14.81 | 14.77 | | | |
| 5 | 16QAM | 1 | 0 | 14.77 | 14.92 | 14.75 | | | |
| 5 | 16QAM | 1 | 12 | 14.81 | 14.90 | 14.72 | 16 | 0 | |
| 5 | 16QAM | 1 | 24 | 14.76 | 14.89 | 14.69 | | | |
| 5 | 16QAM | 12 | 0 | 14.93 | 14.77 | 14.88 | | | |
| 5 | 16QAM | 12 | 7 | 14.84 | 14.86 | 14.84 | 16 | 0 | |
| 5 | 16QAM | 12 | 13 | 14.75 | 14.80 | 14.82 | | | |
| 5 | 16QAM | 25 | 0 | 14.76 | 14.92 | 14.68 | | | |
| 5 | 84QAM | 1 | 0 | 14.85 | 14.86 | 14.72 | | | |
| 5 | 84QAM | 1 | 12 | 14.77 | 15.01 | 14.74 | 16 | 0 | |
| 5 | 84QAM | 1 | 24 | 14.76 | 14.96 | 14.83 | | | |
| 5 | 84QAM | 12 | 0 | 14.70 | 14.90 | 14.87 | | | |
| 5 | 84QAM | 12 | 7 | 14.72 | 14.92 | 14.84 | 16 | 0 | |
| 5 | 84QAM | 12 | 13 | 14.79 | 14.90 | 14.71 | | | |
| 5 | 84QAM | 25 | 0 | 14.79 | 14.85 | 14.82 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 14.90 | 14.96 | 14.87 | | | |
| 3 | QPSK | 1 | 8 | 14.78 | 14.88 | 14.69 | 16 | 0 | |
| 3 | QPSK | 1 | 14 | 14.88 | 14.97 | 14.84 | | | |
| 3 | QPSK | 8 | 0 | 14.81 | 14.93 | 14.70 | 16 | 0 | |
| 3 | QPSK | 8 | 4 | 14.71 | 14.95 | 14.71 | | | |
| 3 | QPSK | 8 | 7 | 14.79 | 14.86 | 14.68 | | | |
| 3 | QPSK | 15 | 0 | 14.81 | 14.83 | 14.78 | | | |
| 3 | 16QAM | 1 | 0 | 14.75 | 14.87 | 14.80 | | | |
| 3 | 16QAM | 1 | 8 | 14.85 | 14.76 | 14.83 | 16 | 0 | |
| 3 | 16QAM | 1 | 14 | 14.79 | 14.82 | 14.66 | | | |
| 3 | 16QAM | 8 | 0 | 14.91 | 14.83 | 14.89 | | | |
| 3 | 16QAM | 8 | 4 | 14.76 | 14.85 | 14.83 | 16 | 0 | |
| 3 | 16QAM | 8 | 7 | 14.72 | 14.80 | 14.76 | | | |
| 3 | 16QAM | 15 | 0 | 14.80 | 14.94 | 14.65 | | | |
| 3 | 84QAM | 1 | 0 | 14.88 | 14.86 | 14.62 | | | |
| 3 | 84QAM | 1 | 8 | 14.81 | 14.92 | 14.81 | 16 | 0 | |
| 3 | 84QAM | 1 | 14 | 14.78 | 14.85 | 14.85 | | | |
| 3 | 84QAM | 8 | 0 | 14.72 | 14.94 | 14.79 | | | |
| 3 | 84QAM | 8 | 4 | 14.77 | 14.90 | 14.86 | 16 | 0 | |
| 3 | 84QAM | 8 | 7 | 14.74 | 14.86 | 14.66 | | | |
| 3 | 84QAM | 15 | 0 | 14.76 | 14.94 | 14.85 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 14.84 | 14.99 | 14.86 | | | |
| 1.4 | QPSK | 1 | 3 | 14.76 | 14.89 | 14.78 | 16 | 0 | |
| 1.4 | QPSK | 1 | 5 | 14.81 | 15.00 | 14.74 | | | |
| 1.4 | QPSK | 3 | 0 | 14.85 | 15.01 | 14.69 | | | |
| 1.4 | QPSK | 3 | 1 | 14.69 | 14.95 | 14.73 | | | |
| 1.4 | QPSK | 3 | 3 | 14.76 | 14.88 | 14.65 | 16 | 0 | |
| 1.4 | QPSK | 6 | 0 | 14.79 | 14.96 | 14.73 | | | |
| 1.4 | 16QAM | 1 | 0 | 14.76 | 14.87 | 14.72 | | | |
| 1.4 | 16QAM | 1 | 3 | 14.89 | 14.81 | 14.75 | 16 | 0 | |
| 1.4 | 16QAM | 1 | 5 | 14.75 | 14.81 | 14.65 | | | |
| 1.4 | 16QAM | 3 | 0 | 14.92 | 14.78 | 14.83 | | | |
| 1.4 | 16QAM | 3 | 1 | 14.79 | 14.86 | 14.89 | 16 | 0 | |
| 1.4 | 16QAM | 3 | 3 | 14.70 | 14.83 | 14.77 | | | |
| 1.4 | 16QAM | 6 | 0 | 14.77 | 14.90 | 14.72 | | | |
| 1.4 | 84QAM | 1 | 0 | 14.83 | 14.83 | 14.85 | 16 | 0 | |
| 1.4 | 84QAM | 1 | 3 | 14.84 | 15.02 | 14.74 | | | |
| 1.4 | 84QAM | 1 | 5 | 14.78 | 14.83 | 14.89 | | | |
| 1.4 | 84QAM | 3 | 0 | 14.69 | 14.94 | 14.77 | 16 | 0 | |
| 1.4 | 84QAM | 3 | 1 | 14.78 | 14.89 | 14.82 | | | |
| 1.4 | 84QAM | 3 | 3 | 14.79 | 14.89 | 14.71 | | | |
| 1.4 | 84QAM | 6 | 0 | 14.75 | 14.87 | 14.82 | 16 | 0 | |

| Band 4 Ant1 DS12 for ENDG | | | | | | | | | |
|---------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 14.93 | 14.95 | 14.81 | | | |
| 20 | QPSK | 1 | 49 | 14.89 | 14.93 | 14.74 | 16 | 0 | |
| 20 | QPSK | 1 | 99 | 14.92 | 14.92 | 14.74 | | | |
| 20 | QPSK | 50 | 0 | 14.83 | 14.89 | 14.77 | | | |
| 20 | QPSK | 50 | 24 | 14.85 | 14.88 | 14.73 | 16 | 0 | |
| 20 | QPSK | 50 | 50 | 14.83 | 14. | | | | |



| Band 7 Ant1 DS12 for ENDC | | | | | | | | | | |
|---------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|---|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 20850 | 21100 | 21375 | | | | |
| | | | | 2510 | 2535 | 2560 | | | | |
| 20 | QPSK | 1 | 0 | 14.46 | 14.48 | 14.39 | | | | |
| 20 | QPSK | 1 | 49 | 14.46 | 14.36 | 14.31 | | 16 | 0 | |
| 20 | QPSK | 1 | 99 | 14.39 | 14.36 | 14.31 | | | | |
| 20 | QPSK | 50 | 0 | 14.44 | 14.47 | 14.36 | | | | |
| 20 | QPSK | 50 | 24 | 14.33 | 14.43 | 14.26 | | 16 | 0 | |
| 20 | QPSK | 50 | 50 | 14.42 | 14.40 | 14.31 | | | | |
| 20 | QPSK | 100 | 0 | 14.38 | 14.42 | 14.25 | | | | |
| 20 | 16QAM | 1 | 0 | 14.42 | 14.40 | 14.20 | | | | |
| 20 | 16QAM | 1 | 49 | 14.20 | 14.31 | 14.08 | | 16 | 0 | |
| 20 | 16QAM | 1 | 99 | 14.27 | 14.24 | 14.17 | | | | |
| 20 | 16QAM | 50 | 0 | 14.29 | 14.34 | 14.23 | | | | |
| 20 | 16QAM | 50 | 24 | 14.28 | 14.37 | 14.12 | | 16 | 0 | |
| 20 | 16QAM | 50 | 50 | 14.42 | 14.30 | 14.22 | | | | |
| 20 | 16QAM | 100 | 0 | 14.35 | 14.33 | 14.22 | | | | |
| 20 | 16QAM | 1 | 0 | 14.38 | 14.39 | 14.28 | | | | |
| 20 | 16QAM | 1 | 49 | 14.40 | 14.22 | 14.16 | | 16 | 0 | |
| 20 | 16QAM | 1 | 99 | 14.28 | 14.32 | 14.18 | | | | |
| 20 | 16QAM | 50 | 0 | 14.34 | 14.45 | 14.31 | | | | |
| 20 | 16QAM | 50 | 24 | 14.27 | 14.30 | 14.17 | | 16 | 0 | |
| 20 | 16QAM | 50 | 50 | 14.35 | 14.29 | 14.24 | | | | |
| 20 | 16QAM | 100 | 0 | 14.30 | 14.34 | 14.38 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 20825 | 21100 | 21375 | | | | |
| | | | | 2507.5 | 2535 | 2562.5 | | | | |
| 15 | QPSK | 1 | 0 | 14.35 | 14.41 | 14.34 | | | | |
| 15 | QPSK | 1 | 37 | 14.44 | 14.30 | 14.22 | | 16 | 0 | |
| 15 | QPSK | 1 | 74 | 14.35 | 14.34 | 14.25 | | | | |
| 15 | QPSK | 36 | 0 | 14.36 | 14.39 | 14.22 | | | | |
| 15 | QPSK | 36 | 20 | 14.21 | 14.33 | 14.20 | | 16 | 0 | |
| 15 | QPSK | 36 | 39 | 14.36 | 14.37 | 14.18 | | | | |
| 15 | QPSK | 75 | 0 | 14.26 | 14.39 | 14.21 | | | | |
| 15 | 16QAM | 1 | 0 | 14.39 | 14.36 | 14.08 | | | | |
| 15 | 16QAM | 1 | 37 | 14.09 | 14.25 | 14.05 | | 16 | 0 | |
| 15 | 16QAM | 1 | 74 | 14.22 | 14.34 | 14.12 | | | | |
| 15 | 16QAM | 36 | 0 | 14.20 | 14.25 | 14.04 | | | | |
| 15 | 16QAM | 36 | 20 | 14.18 | 14.23 | 14.05 | | 16 | 0 | |
| 15 | 16QAM | 36 | 39 | 14.39 | 14.24 | 14.15 | | | | |
| 15 | 16QAM | 75 | 0 | 14.25 | 14.26 | 14.14 | | | | |
| 15 | 16QAM | 1 | 0 | 14.29 | 14.36 | 14.17 | | | | |
| 15 | 16QAM | 1 | 37 | 14.36 | 14.16 | 14.04 | | 16 | 0 | |
| 15 | 16QAM | 1 | 74 | 14.14 | 14.25 | 14.08 | | | | |
| 15 | 16QAM | 36 | 0 | 14.28 | 14.41 | 14.23 | | | | |
| 15 | 16QAM | 36 | 20 | 14.20 | 14.25 | 14.04 | | 16 | 0 | |
| 15 | 16QAM | 36 | 39 | 14.32 | 14.23 | 14.25 | | | | |
| 15 | 16QAM | 75 | 0 | 14.27 | 14.28 | 14.18 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 20800 | 21100 | 21400 | | | | |
| | | | | 2505 | 2535 | 2565 | | | | |
| 10 | QPSK | 1 | 0 | 14.37 | 14.39 | 14.27 | | | | |
| 10 | QPSK | 1 | 25 | 14.41 | 14.25 | 14.28 | | 16 | 0 | |
| 10 | QPSK | 1 | 49 | 14.26 | 14.25 | 14.29 | | | | |
| 10 | QPSK | 25 | 0 | 14.39 | 14.41 | 14.31 | | | | |
| 10 | QPSK | 25 | 12 | 14.24 | 14.31 | 14.14 | | 16 | 0 | |
| 10 | QPSK | 25 | 25 | 14.34 | 14.27 | 14.20 | | | | |
| 10 | QPSK | 50 | 0 | 14.28 | 14.35 | 14.18 | | | | |
| 10 | 16QAM | 1 | 0 | 14.36 | 14.30 | 14.10 | | | | |
| 10 | 16QAM | 1 | 25 | 14.07 | 14.22 | 14.03 | | 16 | 0 | |
| 10 | 16QAM | 1 | 49 | 14.15 | 14.13 | 14.03 | | | | |
| 10 | 16QAM | 25 | 0 | 14.18 | 14.30 | 14.17 | | | | |
| 10 | 16QAM | 25 | 12 | 14.16 | 14.27 | 14.10 | | 16 | 0 | |
| 10 | 16QAM | 25 | 25 | 14.31 | 14.20 | 14.19 | | | | |
| 10 | 16QAM | 50 | 0 | 14.25 | 14.28 | 14.19 | | | | |
| 10 | 16QAM | 1 | 0 | 14.29 | 14.30 | 14.17 | | | | |
| 10 | 16QAM | 1 | 25 | 14.27 | 14.18 | 14.13 | | 16 | 0 | |
| 10 | 16QAM | 1 | 49 | 14.17 | 14.19 | 14.13 | | | | |
| 10 | 16QAM | 25 | 0 | 14.21 | 14.41 | 14.22 | | | | |
| 10 | 16QAM | 25 | 12 | 14.23 | 14.18 | 14.05 | | 16 | 0 | |
| 10 | 16QAM | 25 | 25 | 14.29 | 14.18 | 14.27 | | | | |
| 10 | 16QAM | 50 | 0 | 14.25 | 14.21 | 14.16 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 20775 | 21100 | 21400 | | | | |
| | | | | 2502.5 | 2535 | 2577.5 | | | | |
| 5 | QPSK | 1 | 0 | 14.39 | 14.45 | 14.37 | | | | |
| 5 | QPSK | 1 | 12 | 14.37 | 14.24 | 14.23 | | 16 | 0 | |
| 5 | QPSK | 1 | 24 | 14.31 | 14.26 | 14.28 | | | | |
| 5 | QPSK | 12 | 0 | 14.35 | 14.38 | 14.34 | | | | |
| 5 | QPSK | 12 | 7 | 14.25 | 14.34 | 14.18 | | 16 | 0 | |
| 5 | QPSK | 12 | 13 | 14.38 | 14.32 | 14.18 | | | | |
| 5 | QPSK | 25 | 0 | 14.30 | 14.31 | 14.14 | | | | |
| 5 | 16QAM | 1 | 0 | 14.40 | 14.31 | 14.10 | | 16 | 0 | |
| 5 | 16QAM | 1 | 12 | 14.33 | 14.22 | 14.11 | | | | |
| 5 | 16QAM | 1 | 24 | 14.14 | 14.16 | 14.13 | | | | |
| 5 | 16QAM | 12 | 0 | 14.25 | 14.21 | 14.21 | | | | |
| 5 | 16QAM | 12 | 7 | 14.18 | 14.29 | 14.01 | | 16 | 0 | |
| 5 | 16QAM | 12 | 13 | 14.29 | 14.25 | 14.14 | | | | |
| 5 | 16QAM | 25 | 0 | 14.30 | 14.27 | 14.09 | | | | |
| 5 | 16QAM | 1 | 0 | 14.31 | 14.31 | 14.24 | | | | |
| 5 | 16QAM | 1 | 12 | 14.29 | 14.12 | 14.07 | | 16 | 0 | |
| 5 | 16QAM | 1 | 24 | 14.21 | 14.25 | 14.14 | | | | |
| 5 | 16QAM | 12 | 0 | 14.30 | 14.37 | 14.26 | | | | |
| 5 | 16QAM | 12 | 7 | 14.23 | 14.27 | 14.10 | | 16 | 0 | |
| 5 | 16QAM | 12 | 13 | 14.26 | 14.22 | 14.30 | | | | |
| 5 | 16QAM | 25 | 0 | 14.20 | 14.24 | 14.15 | | | | |

| Band 26 for FCC Ant1 DS12 for ENDC | | | | | | | | | | |
|------------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|---|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 26765 | 26865 | 26965 | | | | |
| | | | | 821.5 | 831.5 | 841.5 | | | | |
| 15 | QPSK | 1 | 0 | 21.48 | 21.58 | 21.52 | | | | |
| 15 | QPSK | 1 | 37 | 21.37 | 21.37 | 21.34 | | 22 | 0 | |
| 15 | QPSK | 1 | 74 | 21.23 | 21.24 | 21.25 | | | | |
| 15 | QPSK | 36 | 0 | 21.21 | 21.44 | 21.35 | | | | |
| 15 | QPSK | 36 | 20 | 21.12 | 21.33 | 21.14 | | 22 | 0 | |
| 15 | QPSK | 36 | 39 | 21.26 | 21.32 | 21.27 | | | | |
| 15 | QPSK | 75 | 0 | 21.40 | 21.31 | 21.21 | | | | |
| 15 | 16QAM | 1 | 0 | 21.43 | 21.49 | 21.51 | | | | |
| 15 | 16QAM | 1 | 37 | 21.39 | 21.44 | 21.28 | | 22 | 0 | |
| 15 | 16QAM | 1 | 74 | 21.41 | 21.45 | 21.45 | | | | |
| 15 | 16QAM | 36 | 0 | 21.24 | 21.37 | 21.25 | | | | |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.28 | 21.21 | | 22 | 0 | |
| 15 | 16QAM | 36 | 39 | 21.22 | 21.30 | 21.22 | | | | |
| 15 | 16QAM | 75 | 0 | 21.26 | 21.34 | 21.30 | | | | |
| 15 | 16QAM | 1 | 0 | 21.34 | 21.46 | 21.46 | | | | |
| 15 | 16QAM | 1 | 37 | 21.39 | 21.38 | 21.23 | | 22 | 0 | |
| 15 | 16QAM | 1 | 74 | 21.26 | 21.32 | 21.26 | | | | |
| 15 | 16QAM | 36 | 0 | 20.23 | 20.33 | 20.26 | | | | |
| 15 | 16QAM | 36 | 20 | 20.13 | 20.27 | 20.22 | | 21 | 1 | |
| 15 | 16QAM | 36 | 39 | 20.15 | 20.23 | 20.16 | | | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.29 | 20.23 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | 26740 | 26865 | 26990 | | | | |
| | | | | 819 | 831.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 21.42 | 21.45 | 21.43 | | | | |
| 10 | QPSK | 1 | 25 | 21.39 | 21.23 | 21.29 | | 22 | 0 | |
| 10 | QPSK | 1 | 49 | 21.17 | 21.18 | 21.11 | | | | |
| 10 | QPSK | 25 | 0 | 21.15 | 21.32 | 21.31 | | | | |
| 10 | QPSK | 25 | 12 | 21.06 | 21.27 | 21.08 | | 22 | 0 | |
| 10 | QPSK | 25 | 25 | 21.13 | 21.23 | 21.17 | | | | |
| 10 | QPSK | 50 | 0 | 21.29 | 21.34 | 21.18 | | | | |
| 10 | 16QAM | 1 | 0 | 21.35 | 21.42 | 21.46 | | | | |
| 10 | 16QAM | 1 | 25 | 21.33 | 21.38 | 21.19 | | 22 | 0 | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.41 | 21.40 | | | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.28 | 21.10 | | | | |
| 10 | 16QAM | 25 | 12 | 21.07 | 21.14 | 21.08 | | 22 | 0 | |
| 10 | 16QAM | 25 | 25 | 21. | | | | | | |



Band 38 Ant1 DS12 for ENDC

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 37850 | 38000 | 38150 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 0 | 16.07 | 16.16 | 16.08 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.93 | 16.05 | 15.99 | | |
| 20 | QPSK | 1 | 99 | 16.03 | 15.98 | 15.91 | | |
| 20 | QPSK | 50 | 0 | 16.08 | 16.12 | 15.97 | | |
| 20 | QPSK | 50 | 24 | 16.03 | 16.03 | 15.99 | 17 | 0 |
| 20 | QPSK | 50 | 50 | 16.08 | 15.98 | 16.03 | | |
| 20 | QPSK | 100 | 0 | 15.90 | 15.97 | 15.88 | | |
| 20 | 16QAM | 1 | 0 | 16.08 | 16.00 | 16.00 | | |
| 20 | 16QAM | 1 | 49 | 15.83 | 15.89 | 15.87 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 15.99 | 15.91 | 15.86 | | |
| 20 | 16QAM | 50 | 0 | 15.90 | 16.05 | 15.97 | | |
| 20 | 16QAM | 50 | 24 | 15.90 | 15.96 | 15.79 | | |
| 20 | 16QAM | 50 | 50 | 15.90 | 15.93 | 15.86 | 17 | 0 |
| 20 | 16QAM | 100 | 0 | 15.77 | 15.78 | 15.94 | | |
| 20 | 64QAM | 1 | 0 | 16.08 | 16.12 | 15.98 | | |
| 20 | 64QAM | 1 | 49 | 15.88 | 15.93 | 15.90 | | |
| 20 | 64QAM | 1 | 99 | 15.88 | 15.88 | 15.92 | 17 | 0 |
| 20 | 64QAM | 50 | 0 | 15.85 | 15.98 | 15.97 | | |
| 20 | 64QAM | 50 | 24 | 16.01 | 16.00 | 15.84 | | |
| 20 | 64QAM | 50 | 50 | 15.91 | 15.95 | 15.92 | | |
| 20 | 64QAM | 100 | 0 | 15.92 | 15.84 | 15.77 | | |
| Channel | | | | 37825 | 38000 | 38175 | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 15.97 | 16.10 | 16.05 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.80 | 15.97 | 15.95 | | |
| 15 | QPSK | 1 | 74 | 15.92 | 15.91 | 15.79 | | |
| 15 | QPSK | 36 | 0 | 15.84 | 15.94 | 15.84 | | |
| 15 | QPSK | 36 | 20 | 15.90 | 16.00 | 15.94 | 17 | 0 |
| 15 | QPSK | 36 | 39 | 15.99 | 15.88 | 15.97 | | |
| 15 | QPSK | 75 | 0 | 15.78 | 15.89 | 15.81 | | |
| 15 | 16QAM | 1 | 0 | 16.04 | 15.93 | 15.89 | | |
| 15 | 16QAM | 1 | 37 | 15.75 | 15.76 | 15.76 | 17 | 0 |
| 15 | 16QAM | 1 | 74 | 15.86 | 15.85 | 15.80 | | |
| 15 | 16QAM | 36 | 0 | 15.84 | 15.93 | 15.87 | | |
| 15 | 16QAM | 36 | 20 | 15.76 | 15.88 | 15.69 | | |
| 15 | 16QAM | 36 | 39 | 15.80 | 15.81 | 15.78 | 17 | 0 |
| 15 | 16QAM | 75 | 0 | 15.84 | 15.76 | 15.92 | | |
| 15 | 64QAM | 1 | 0 | 16.00 | 16.03 | 15.95 | | |
| 15 | 64QAM | 1 | 37 | 15.84 | 15.88 | 15.82 | | |
| 15 | 64QAM | 1 | 74 | 15.96 | 15.82 | 15.81 | 17 | 0 |
| 15 | 64QAM | 36 | 0 | 15.78 | 15.84 | 15.91 | | |
| 15 | 64QAM | 36 | 20 | 15.91 | 15.93 | 15.77 | | |
| 15 | 64QAM | 36 | 39 | 15.82 | 15.83 | 15.81 | | |
| 15 | 64QAM | 75 | 0 | 15.88 | 15.74 | 15.74 | | |
| Channel | | | | 37800 | 38000 | 38200 | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 15.99 | 16.08 | 16.02 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.83 | 16.01 | 15.97 | | |
| 10 | QPSK | 1 | 49 | 15.93 | 15.87 | 15.87 | | |
| 10 | QPSK | 25 | 0 | 15.96 | 16.05 | 15.90 | | |
| 10 | QPSK | 25 | 12 | 15.89 | 15.90 | 15.93 | 17 | 0 |
| 10 | QPSK | 25 | 25 | 16.04 | 15.94 | 15.92 | | |
| 10 | QPSK | 50 | 0 | 15.78 | 15.94 | 15.77 | | |
| 10 | 16QAM | 1 | 0 | 16.00 | 15.91 | 15.89 | | |
| 10 | 16QAM | 1 | 25 | 15.75 | 15.77 | 15.78 | 17 | 0 |
| 10 | 16QAM | 1 | 49 | 15.93 | 15.89 | 15.78 | | |
| 10 | 16QAM | 25 | 0 | 15.86 | 15.96 | 15.89 | | |
| 10 | 16QAM | 25 | 12 | 15.83 | 15.94 | 15.66 | | |
| 10 | 16QAM | 25 | 25 | 15.80 | 15.85 | 15.77 | 17 | 0 |
| 10 | 16QAM | 50 | 0 | 15.65 | 15.72 | 15.88 | | |
| 10 | 64QAM | 1 | 0 | 16.01 | 16.04 | 15.89 | | |
| 10 | 64QAM | 1 | 25 | 15.86 | 15.94 | 15.87 | | |
| 10 | 64QAM | 1 | 49 | 15.92 | 15.76 | 15.90 | 17 | 0 |
| 10 | 64QAM | 25 | 0 | 15.72 | 15.87 | 15.91 | | |
| 10 | 64QAM | 25 | 12 | 15.98 | 15.97 | 15.73 | | |
| 10 | 64QAM | 25 | 25 | 15.79 | 15.83 | 15.81 | | |
| 10 | 64QAM | 50 | 0 | 15.87 | 15.78 | 15.72 | | |
| Channel | | | | 37775 | 38000 | 38225 | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.04 | 16.11 | 15.96 | 17 | 0 |
| 5 | QPSK | 1 | 12 | 15.86 | 16.00 | 15.95 | | |
| 5 | QPSK | 1 | 24 | 15.94 | 15.86 | 15.89 | | |
| 5 | QPSK | 12 | 0 | 16.00 | 16.02 | 15.89 | | |
| 5 | QPSK | 12 | 7 | 15.99 | 16.00 | 15.85 | 17 | 0 |
| 5 | QPSK | 12 | 13 | 16.01 | 15.93 | 15.92 | | |
| 5 | QPSK | 25 | 0 | 15.79 | 15.88 | 15.81 | | |
| 5 | 16QAM | 1 | 0 | 15.97 | 15.90 | 15.90 | | |
| 5 | 16QAM | 1 | 12 | 15.80 | 15.77 | 15.85 | 17 | 0 |
| 5 | 16QAM | 1 | 24 | 15.90 | 15.84 | 15.76 | | |
| 5 | 16QAM | 12 | 0 | 15.77 | 16.02 | 15.85 | | |
| 5 | 16QAM | 12 | 7 | 15.78 | 15.91 | 15.73 | | |
| 5 | 16QAM | 12 | 13 | 15.87 | 15.85 | 15.76 | 17 | 0 |
| 5 | 16QAM | 25 | 0 | 15.70 | 15.86 | 15.82 | | |
| 5 | 64QAM | 1 | 0 | 16.05 | 16.02 | 15.86 | | |
| 5 | 64QAM | 1 | 12 | 15.78 | 15.80 | 15.83 | | |
| 5 | 64QAM | 1 | 24 | 15.92 | 15.84 | 15.80 | 17 | 0 |
| 5 | 64QAM | 12 | 0 | 15.77 | 15.96 | 15.83 | | |
| 5 | 64QAM | 12 | 7 | 15.97 | 15.96 | 15.77 | | |
| 5 | 64QAM | 12 | 13 | 15.82 | 15.82 | 15.83 | | |
| 5 | 64QAM | 25 | 0 | 15.84 | 15.80 | 15.74 | | |



Part27Q Band 42 Ant2 DSI2 for ENDC

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 17.01 | 17.06 | 17.02 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.91 | 16.94 | 16.95 | | |
| 20 | QPSK | 1 | 99 | 16.89 | 16.92 | 16.94 | | |
| 20 | QPSK | 50 | 0 | 16.84 | 17.02 | 17.00 | | |
| 20 | QPSK | 50 | 24 | 16.82 | 16.97 | 16.94 | 18 | 0 |
| 20 | QPSK | 50 | 50 | 16.91 | 16.85 | 16.92 | | |
| 20 | QPSK | 100 | 0 | 16.71 | 16.77 | 16.84 | | |
| 20 | 16QAM | 1 | 0 | 16.91 | 17.00 | 16.86 | | |
| 20 | 16QAM | 1 | 49 | 16.82 | 16.79 | 16.84 | 18 | 0 |
| 20 | 16QAM | 1 | 99 | 16.80 | 16.79 | 16.88 | | |
| 20 | 16QAM | 50 | 0 | 16.79 | 16.90 | 16.95 | | |
| 20 | 16QAM | 50 | 24 | 16.82 | 16.93 | 16.84 | | |
| 20 | 16QAM | 50 | 50 | 16.91 | 16.85 | 16.77 | 18 | 0 |
| 20 | 16QAM | 100 | 0 | 16.80 | 16.69 | 16.54 | | |
| 20 | 64QAM | 1 | 0 | 16.90 | 16.98 | 16.98 | | |
| 20 | 64QAM | 1 | 49 | 16.81 | 16.82 | 16.83 | | |
| 20 | 64QAM | 1 | 99 | 16.79 | 16.83 | 16.78 | 18 | 0 |
| 20 | 64QAM | 50 | 0 | 16.84 | 16.94 | 16.85 | | |
| 20 | 64QAM | 50 | 24 | 16.86 | 16.82 | 16.89 | | |
| 20 | 64QAM | 50 | 50 | 16.91 | 16.84 | 16.81 | | |
| 20 | 64QAM | 100 | 0 | 16.59 | 16.66 | 16.52 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 16.97 | 16.91 | 16.91 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.75 | 16.88 | 16.84 | | |
| 15 | QPSK | 1 | 74 | 16.84 | 16.85 | 16.80 | | |
| 15 | QPSK | 36 | 0 | 16.72 | 16.87 | 16.94 | | |
| 15 | QPSK | 36 | 20 | 16.88 | 16.91 | 16.86 | 18 | 0 |
| 15 | QPSK | 36 | 39 | 16.90 | 16.78 | 16.84 | | |
| 15 | QPSK | 75 | 0 | 16.56 | 16.63 | 16.49 | | |
| 15 | 16QAM | 1 | 0 | 16.84 | 16.89 | 16.71 | | |
| 15 | 16QAM | 1 | 37 | 16.70 | 16.64 | 16.74 | 18 | 0 |
| 15 | 16QAM | 1 | 74 | 16.68 | 16.69 | 16.72 | | |
| 15 | 16QAM | 36 | 0 | 16.72 | 16.79 | 16.84 | | |
| 15 | 16QAM | 36 | 20 | 16.72 | 16.78 | 16.70 | | |
| 15 | 16QAM | 36 | 39 | 16.80 | 16.73 | 16.73 | 18 | 0 |
| 15 | 16QAM | 75 | 0 | 16.48 | 16.57 | 16.50 | | |
| 15 | 64QAM | 1 | 0 | 16.77 | 16.91 | 16.85 | | |
| 15 | 64QAM | 1 | 37 | 16.77 | 16.72 | 16.74 | | |
| 15 | 64QAM | 1 | 74 | 16.63 | 16.67 | 16.72 | 18 | 0 |
| 15 | 64QAM | 36 | 0 | 16.78 | 16.86 | 16.80 | | |
| 15 | 64QAM | 36 | 20 | 16.74 | 16.74 | 16.82 | | |
| 15 | 64QAM | 36 | 39 | 16.81 | 16.76 | 16.75 | | |
| 15 | 64QAM | 75 | 0 | 16.45 | 16.51 | 16.47 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 16.96 | 17.02 | 16.88 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.81 | 16.86 | 16.83 | | |
| 10 | QPSK | 1 | 49 | 16.82 | 16.77 | 16.85 | | |
| 10 | QPSK | 25 | 0 | 16.87 | 16.92 | 16.91 | | |
| 10 | QPSK | 25 | 12 | 16.78 | 16.88 | 16.78 | 18 | 0 |
| 10 | QPSK | 25 | 25 | 16.90 | 16.84 | 16.80 | | |
| 10 | QPSK | 50 | 0 | 16.63 | 16.71 | 16.49 | | |
| 10 | 16QAM | 1 | 0 | 16.82 | 16.92 | 16.71 | | |
| 10 | 16QAM | 1 | 25 | 16.75 | 16.72 | 16.77 | 18 | 0 |
| 10 | 16QAM | 1 | 49 | 16.70 | 16.69 | 16.82 | | |
| 10 | 16QAM | 25 | 0 | 16.69 | 16.78 | 16.82 | | |
| 10 | 16QAM | 25 | 12 | 16.69 | 16.80 | 16.69 | | |
| 10 | 16QAM | 25 | 25 | 16.78 | 16.71 | 16.62 | 18 | 0 |
| 10 | 16QAM | 50 | 0 | 16.49 | 16.61 | 16.49 | | |
| 10 | 64QAM | 1 | 0 | 16.81 | 16.88 | 16.82 | | |
| 10 | 64QAM | 1 | 25 | 16.74 | 16.69 | 16.75 | | |
| 10 | 64QAM | 1 | 49 | 16.66 | 16.74 | 16.73 | 18 | 0 |
| 10 | 64QAM | 25 | 0 | 16.77 | 16.85 | 16.78 | | |
| 10 | 64QAM | 25 | 12 | 16.80 | 16.71 | 16.85 | | |
| 10 | 64QAM | 25 | 25 | 16.82 | 16.72 | 16.74 | | |
| 10 | 64QAM | 50 | 0 | 16.54 | 16.62 | 16.45 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 16.87 | 16.91 | 16.86 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.76 | 16.84 | 16.79 | | |
| 5 | QPSK | 1 | 24 | 16.79 | 16.77 | 16.81 | | |
| 5 | QPSK | 12 | 0 | 16.83 | 16.88 | 16.95 | | |
| 5 | QPSK | 12 | 7 | 16.88 | 16.86 | 16.80 | 18 | 0 |
| 5 | QPSK | 12 | 13 | 16.81 | 16.80 | 16.87 | | |
| 5 | QPSK | 25 | 0 | 16.57 | 16.72 | 16.57 | | |
| 5 | 16QAM | 1 | 0 | 16.79 | 16.90 | 16.73 | | |
| 5 | 16QAM | 1 | 12 | 16.75 | 16.73 | 16.79 | 18 | 0 |
| 5 | 16QAM | 1 | 24 | 16.66 | 16.70 | 16.74 | | |
| 5 | 16QAM | 12 | 0 | 16.71 | 16.77 | 16.80 | | |
| 5 | 16QAM | 12 | 7 | 16.78 | 16.81 | 16.75 | | |
| 5 | 16QAM | 12 | 13 | 16.76 | 16.73 | 16.63 | 18 | 0 |
| 5 | 16QAM | 25 | 0 | 16.55 | 16.55 | 16.44 | | |
| 5 | 64QAM | 1 | 0 | 16.84 | 16.83 | 16.87 | | |
| 5 | 64QAM | 1 | 12 | 16.74 | 16.77 | 16.74 | | |
| 5 | 64QAM | 1 | 24 | 16.66 | 16.75 | 16.63 | 18 | 0 |
| 5 | 64QAM | 12 | 0 | 16.80 | 16.88 | 16.69 | | |
| 5 | 64QAM | 12 | 7 | 16.80 | 16.74 | 16.83 | | |
| 5 | 64QAM | 12 | 13 | 16.81 | 16.80 | 16.69 | | |
| 5 | 64QAM | 25 | 0 | 16.54 | 16.52 | 16.39 | | |



Reduced Power Mode for DSI3

| GSM850 AnI DSI 3 | | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 126 | 160 | 251 | | 126 | 160 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | | |
| GSM 1 Tx slot | 29.64 | 29.77 | 29.66 | 30.50 | 20.64 | 20.77 | 20.66 | 21.50 | |
| GPRS 1 Tx slot | 29.72 | 29.84 | 29.76 | 30.50 | 20.72 | 20.84 | 20.76 | 21.50 | |
| GPRS 2 Tx slots | 28.56 | 28.64 | 28.52 | 29.50 | 22.56 | 22.64 | 22.52 | 23.50 | |
| GPRS 3 Tx slots | 28.40 | 28.54 | 28.46 | 27.50 | 22.17 | 22.28 | 22.20 | 23.50 | |
| GPRS 4 Tx slots | 25.48 | 25.55 | 25.42 | 26.50 | 22.48 | 22.55 | 22.42 | 23.50 | |
| EDGE 1 Tx slot | 22.92 | 22.98 | 23.11 | 24.00 | 13.92 | 13.98 | 14.11 | 15.00 | |
| EDGE 2 Tx slots | 21.98 | 21.73 | 21.89 | 23.00 | 15.58 | 15.73 | 15.69 | 17.00 | |
| EDGE 3 Tx slots | 19.23 | 19.48 | 19.42 | 20.50 | 14.07 | 15.22 | 15.16 | 16.24 | |
| EDGE 4 Tx slots | 17.87 | 18.02 | 17.95 | 19.00 | 14.67 | 15.02 | 14.95 | 16.00 | |

| GSM1900 AnI DSI 3 | | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|--|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | | |
| GSM 1 Tx slot | 20.77 | 20.82 | 20.69 | 21.50 | 11.77 | 11.82 | 11.69 | 12.50 | |
| GPRS 1 Tx slot | 20.90 | 20.99 | 20.84 | 21.50 | 11.80 | 11.99 | 11.84 | 12.50 | |
| GPRS 2 Tx slots | 19.97 | 20.03 | 19.87 | 20.50 | 13.97 | 14.03 | 13.87 | 14.50 | |
| GPRS 3 Tx slots | 17.87 | 17.99 | 17.82 | 18.50 | 13.61 | 13.73 | 13.65 | 14.24 | |
| GPRS 4 Tx slots | 16.73 | 16.82 | 16.70 | 17.50 | 13.73 | 13.82 | 13.70 | 14.50 | |
| EDGE 1 Tx slot | 16.09 | 16.01 | 15.84 | 17.00 | 7.09 | 7.01 | 6.84 | 8.00 | |
| EDGE 2 Tx slots | 15.12 | 15.02 | 14.86 | 16.00 | 9.12 | 9.02 | 8.86 | 10.00 | |
| EDGE 3 Tx slots | 13.24 | 13.17 | 13.03 | 14.00 | 8.56 | 8.91 | 8.77 | 9.74 | |
| EDGE 4 Tx slots | 12.20 | 12.18 | 12.02 | 13.00 | 9.20 | 9.18 | 9.02 | 10.00 | |

| Band | WCDMA II AnI DSI 3 | | | Tune-up Limit (dBm) | WCDMA IV AnI DSI 3 | | | Tune-up Limit (dBm) | WCDMA V AnI DSI 3 | | | Tune-up Limit (dBm) | |
|-----------------|--------------------|-------|-------|---------------------------|--------------------|-------|-------|---------------------------|-------------------|-------|-------|---------------------------|-------|
| | 9662 | 9660 | 9638 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | | |
| Rx Channel | 9662 | 9660 | 9638 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | | |
| Frequency (MHz) | 1824 | 1850 | 1872 | | 1724 | 1722 | 1726 | | 4357 | 4407 | 4458 | | |
| 3GPP Rel 99 | AMR 12.2Kbps | 16.25 | 16.45 | 16.20 | 18.00 | 16.25 | 16.35 | 16.17 | 18.00 | 22.31 | 22.53 | 22.24 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 16.38 | 16.55 | 16.42 | 18.00 | 16.29 | 16.44 | 16.26 | 18.00 | 22.36 | 22.66 | 22.48 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 15.22 | 15.35 | 15.37 | 17.00 | 15.18 | 15.28 | 15.07 | 17.00 | 21.20 | 21.55 | 21.11 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 15.14 | 15.29 | 15.39 | 17.00 | 15.10 | 15.14 | 15.04 | 17.00 | 21.23 | 21.30 | 21.27 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 14.52 | 14.80 | 14.61 | 16.50 | 14.69 | 14.86 | 14.79 | 16.50 | 20.67 | 20.81 | 20.81 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 14.74 | 14.84 | 14.96 | 16.50 | 14.53 | 14.83 | 14.76 | 16.50 | 20.61 | 20.84 | 20.81 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 15.07 | 15.34 | 15.34 | 17.00 | 15.11 | 15.10 | 15.05 | 17.00 | 21.23 | 21.24 | 21.13 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 15.11 | 15.25 | 15.35 | 17.00 | 15.08 | 15.07 | 15.20 | 17.00 | 21.09 | 21.36 | 21.09 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 14.58 | 14.62 | 14.76 | 16.50 | 14.66 | 14.61 | 14.51 | 16.50 | 20.61 | 20.94 | 20.72 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 14.64 | 14.74 | 14.96 | 16.50 | 14.62 | 14.83 | 14.67 | 16.50 | 20.74 | 20.76 | 20.68 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 15.07 | 15.53 | 15.27 | 17.00 | 15.11 | 15.21 | 15.05 | 17.00 | 21.18 | 21.31 | 21.35 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 13.18 | 13.38 | 13.36 | 15.00 | 13.11 | 13.23 | 13.16 | 15.00 | 19.12 | 19.35 | 19.19 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 14.28 | 14.29 | 14.48 | 16.00 | 14.13 | 14.05 | 14.19 | 16.00 | 20.22 | 20.32 | 20.15 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 13.26 | 13.55 | 13.46 | 15.00 | 13.08 | 13.21 | 13.16 | 15.00 | 19.13 | 19.33 | 19.30 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 15.25 | 15.44 | 15.31 | 17.00 | 15.02 | 15.27 | 15.08 | 17.00 | 21.16 | 21.44 | 21.45 | 23.00 |



Band 2 Ant0 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18900 | 19100 | | |
| 20 | QPSK | 1 | 0 | 15.41 | 15.41 | 15.41 | | |
| 20 | QPSK | 1 | 49 | 15.54 | 15.55 | 15.38 | 17 | 0 |
| 20 | QPSK | 1 | 99 | 15.45 | 15.59 | 15.54 | | |
| 20 | QPSK | 50 | 0 | 15.52 | 15.53 | 15.43 | | |
| 20 | QPSK | 50 | 24 | 15.51 | 15.39 | 15.25 | 17 | 0 |
| 20 | QPSK | 50 | 50 | 15.33 | 15.40 | 15.41 | | |
| 20 | QPSK | 100 | 0 | 15.26 | 15.47 | 15.39 | | |
| 20 | 16QAM | 1 | 0 | 15.64 | 15.58 | 15.30 | | |
| 20 | 16QAM | 1 | 49 | 15.47 | 15.40 | 15.28 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 15.43 | 15.55 | 15.36 | | |
| 20 | 16QAM | 50 | 0 | 15.42 | 15.38 | 15.28 | | |
| 20 | 16QAM | 50 | 24 | 15.47 | 15.27 | 15.08 | 17 | 0 |
| 20 | 16QAM | 50 | 50 | 15.14 | 15.33 | 15.32 | | |
| 20 | 16QAM | 100 | 0 | 15.19 | 15.40 | 15.22 | | |
| 20 | 84QAM | 1 | 0 | 15.50 | 15.56 | 15.29 | | |
| 20 | 84QAM | 1 | 49 | 15.45 | 15.37 | 15.19 | 17 | 0 |
| 20 | 84QAM | 1 | 99 | 15.21 | 15.40 | 15.38 | | |
| 20 | 84QAM | 50 | 0 | 15.29 | 15.37 | 15.20 | | |
| 20 | 84QAM | 50 | 24 | 15.39 | 15.15 | 15.09 | 17 | 0 |
| 20 | 84QAM | 50 | 50 | 15.08 | 15.32 | 15.35 | | |
| 20 | 84QAM | 100 | 0 | 15.12 | 15.42 | 15.33 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18675 | 18900 | 19125 | | |
| 15 | QPSK | 1 | 0 | 15.55 | 15.41 | 15.35 | | |
| 15 | QPSK | 1 | 37 | 15.43 | 15.34 | 15.29 | 17 | 0 |
| 15 | QPSK | 1 | 74 | 15.34 | 15.43 | 15.46 | | |
| 15 | QPSK | 36 | 0 | 15.31 | 15.40 | 15.22 | | |
| 15 | QPSK | 36 | 20 | 15.42 | 15.12 | 15.20 | 17 | 0 |
| 15 | QPSK | 36 | 39 | 15.14 | 15.20 | 15.28 | | |
| 15 | QPSK | 75 | 0 | 15.01 | 15.21 | 15.25 | | |
| 15 | 16QAM | 1 | 0 | 15.59 | 15.46 | 15.16 | | |
| 15 | 16QAM | 1 | 37 | 15.21 | 15.36 | 15.09 | 17 | 0 |
| 15 | 16QAM | 1 | 74 | 15.17 | 15.52 | 15.31 | | |
| 15 | 16QAM | 36 | 0 | 15.23 | 15.17 | 15.19 | | |
| 15 | 16QAM | 36 | 20 | 15.31 | 15.24 | 15.22 | 17 | 0 |
| 15 | 16QAM | 36 | 39 | 15.10 | 15.18 | 15.26 | | |
| 15 | 16QAM | 75 | 0 | 15.09 | 15.28 | 15.11 | | |
| 15 | 84QAM | 1 | 0 | 15.38 | 15.31 | 15.17 | | |
| 15 | 84QAM | 1 | 37 | 15.26 | 15.20 | 15.00 | 17 | 0 |
| 15 | 84QAM | 1 | 74 | 15.07 | 15.23 | 15.25 | | |
| 15 | 84QAM | 36 | 0 | 15.10 | 15.26 | 15.13 | | |
| 15 | 84QAM | 36 | 20 | 15.31 | 15.02 | 15.03 | 17 | 0 |
| 15 | 84QAM | 36 | 39 | 15.09 | 15.14 | 15.26 | | |
| 15 | 84QAM | 75 | 0 | 15.15 | 15.32 | 15.20 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18650 | 18900 | 19150 | | |
| 10 | QPSK | 1 | 0 | 15.81 | 15.39 | 15.39 | | |
| 10 | QPSK | 1 | 25 | 15.50 | 15.40 | 15.12 | 17 | 0 |
| 10 | QPSK | 1 | 49 | 15.34 | 15.52 | 15.28 | | |
| 10 | QPSK | 25 | 0 | 15.39 | 15.35 | 15.30 | | |
| 10 | QPSK | 25 | 12 | 15.26 | 15.24 | 15.16 | 17 | 0 |
| 10 | QPSK | 25 | 25 | 15.15 | 15.20 | 15.26 | | |
| 10 | QPSK | 50 | 0 | 15.26 | 15.22 | 15.20 | | |
| 10 | 16QAM | 1 | 0 | 15.40 | 15.33 | 15.22 | | |
| 10 | 16QAM | 1 | 25 | 15.27 | 15.20 | 15.21 | 17 | 0 |
| 10 | 16QAM | 1 | 49 | 15.20 | 15.37 | 15.19 | | |
| 10 | 16QAM | 25 | 0 | 15.20 | 15.14 | 15.09 | | |
| 10 | 16QAM | 25 | 12 | 15.28 | 15.01 | 15.05 | 17 | 0 |
| 10 | 16QAM | 25 | 25 | 15.06 | 15.12 | 15.26 | | |
| 10 | 16QAM | 50 | 0 | 15.08 | 15.32 | 15.15 | | |
| 10 | 84QAM | 1 | 0 | 15.43 | 15.37 | 15.04 | | |
| 10 | 84QAM | 1 | 25 | 15.21 | 15.29 | 15.01 | 17 | 0 |
| 10 | 84QAM | 1 | 49 | 15.08 | 15.35 | 15.28 | | |
| 10 | 84QAM | 25 | 0 | 15.12 | 15.22 | 15.29 | | |
| 10 | 84QAM | 25 | 12 | 15.26 | 15.01 | 15.04 | 17 | 0 |
| 10 | 84QAM | 25 | 25 | 15.02 | 15.13 | 15.31 | | |
| 10 | 84QAM | 50 | 0 | 15.00 | 15.37 | 15.14 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18625 | 18900 | 19175 | | |
| 5 | QPSK | 1 | 0 | 15.42 | 15.40 | 15.30 | | |
| 5 | QPSK | 1 | 12 | 15.32 | 15.34 | 15.18 | 17 | 0 |
| 5 | QPSK | 1 | 25 | 15.20 | 15.44 | 15.25 | | |
| 5 | QPSK | 12 | 0 | 15.37 | 15.32 | 15.25 | | |
| 5 | QPSK | 12 | 7 | 15.28 | 15.30 | 15.00 | 17 | 0 |
| 5 | QPSK | 12 | 13 | 15.23 | 15.33 | 15.15 | | |
| 5 | QPSK | 25 | 0 | 15.04 | 15.27 | 15.34 | | |
| 5 | 16QAM | 1 | 0 | 15.40 | 15.50 | 15.03 | | |
| 5 | 16QAM | 1 | 12 | 15.38 | 15.15 | 15.22 | 17 | 0 |
| 5 | 16QAM | 1 | 24 | 15.21 | 15.47 | 15.15 | | |
| 5 | 16QAM | 12 | 0 | 15.32 | 15.14 | 15.20 | | |
| 5 | 16QAM | 12 | 7 | 15.42 | 15.17 | 15.05 | 17 | 0 |
| 5 | 16QAM | 12 | 13 | 15.06 | 15.13 | 15.16 | | |
| 5 | 16QAM | 25 | 0 | 15.08 | 15.16 | 15.02 | | |
| 5 | 84QAM | 1 | 0 | 15.42 | 15.42 | 15.12 | | |
| 5 | 84QAM | 1 | 12 | 15.39 | 15.22 | 15.07 | 17 | 0 |
| 5 | 84QAM | 1 | 24 | 15.02 | 15.26 | 15.14 | | |
| 5 | 84QAM | 12 | 0 | 15.15 | 15.32 | 15.32 | | |
| 5 | 84QAM | 12 | 7 | 15.12 | 15.02 | 15.20 | 17 | 0 |
| 5 | 84QAM | 12 | 13 | 15.08 | 15.08 | 15.14 | | |
| 5 | 84QAM | 25 | 0 | 15.06 | 15.23 | 15.20 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18615 | 18900 | 19188 | | |
| 3 | QPSK | 1 | 0 | 15.47 | 15.42 | 15.46 | | |
| 3 | QPSK | 1 | 8 | 15.29 | 15.46 | 15.13 | 17 | 0 |
| 3 | QPSK | 1 | 14 | 15.23 | 15.33 | 15.47 | | |
| 3 | QPSK | 8 | 0 | 15.46 | 15.43 | 15.29 | | |
| 3 | QPSK | 8 | 4 | 15.39 | 15.19 | 15.15 | 17 | 0 |
| 3 | QPSK | 8 | 7 | 15.19 | 15.24 | 15.13 | | |
| 3 | 16QAM | 1 | 0 | 15.11 | 15.30 | 15.23 | | |
| 3 | 16QAM | 1 | 8 | 15.28 | 15.36 | 15.24 | 17 | 0 |
| 3 | 16QAM | 1 | 14 | 15.39 | 15.34 | 15.17 | | |
| 3 | 16QAM | 8 | 0 | 15.31 | 15.16 | 15.21 | | |
| 3 | 16QAM | 8 | 4 | 15.32 | 15.18 | 15.05 | 17 | 0 |
| 3 | 16QAM | 8 | 7 | 15.09 | 15.19 | 15.21 | | |
| 3 | 16QAM | 15 | 0 | 15.11 | 15.28 | 15.08 | | |
| 3 | 84QAM | 1 | 0 | 15.38 | 15.46 | 15.11 | | |
| 3 | 84QAM | 1 | 8 | 15.32 | 15.31 | 15.07 | 17 | 0 |
| 3 | 84QAM | 1 | 14 | 15.13 | 15.33 | 15.12 | | |
| 3 | 84QAM | 8 | 0 | 15.06 | 15.30 | 15.24 | | |
| 3 | 84QAM | 8 | 4 | 15.32 | 15.07 | 15.05 | 17 | 0 |
| 3 | 84QAM | 8 | 7 | 15.09 | 15.25 | 15.27 | | |
| 3 | 84QAM | 15 | 0 | 15.00 | 15.33 | 15.13 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1857 | 1880 | 1909.9 | | |
| 1.4 | QPSK | 1 | 0 | 15.61 | 15.46 | 15.34 | | |
| 1.4 | QPSK | 1 | 3 | 15.44 | 15.32 | 15.20 | 17 | 0 |
| 1.4 | QPSK | 1 | 5 | 15.33 | 15.38 | 15.28 | | |
| 1.4 | QPSK | 3 | 0 | 15.42 | 15.45 | 15.37 | | |
| 1.4 | QPSK | 3 | 1 | 15.31 | 15.16 | 15.04 | 17 | 0 |
| 1.4 | QPSK | 3 | 3 | 15.14 | 15.32 | 15.34 | | |
| 1.4 | QPSK | 6 | 0 | 15.00 | 15.38 | 15.16 | | |
| 1.4 | 16QAM | 1 | 0 | 15.45 | 15.52 | 15.12 | | |
| 1.4 | 16QAM | 1 | 3 | 15.42 | 15.18 | 15.20 | 17 | 0 |
| 1.4 | 16QAM | 1 | 5 | 15.32 | 15.38 | 15.23 | | |
| 1.4 | 16QAM | 3 | 0 | 15.37 | 15.29 | 15.25 | | |
| 1.4 | 16QAM | 3 | 1 | 15.35 | 15.11 | 15.09 | 17 | 0 |
| 1.4 | 16QAM | 3 | 3 | 15.08 | 15.16 | 15.19 | | |
| 1.4 | 16QAM | 6 | 0 | 15.06 | 15.35 | 15.06 | 17 | 0 |
| 1.4 | 84QAM | 1 | 0 | 15.32 | 15.45 | 15.22 | | |
| 1.4 | 84QAM | 1 | 3 | 15.24 | 15.30 | 15.09 | | |
| 1.4 | 84QAM | 1 | 5 | 15.16 | 15.34 | 15.26 | 17 | 0 |
| 1.4 | 84QAM | 3 | 0 | 15.11 | 15.25 | 15.23 | | |
| 1.4 | 84QAM | 3 | 1 | 15.21 | 15.03 | 15.04 | | |
| 1.4 | 84QAM | 3 | 3 | 15.02 | 15.08 | 15.22 | 17 | 0 |
| 1.4 | 84QAM | 6 | 0 | 15.07 | 15.25 | 15.17 | | |

Band 4 Ant0 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 15.41 | 15.41 | 15.41 | | |
| 20 | QPSK | 1 | 49 | 15.20 | 15.43 | 15.52 | 17 | 0 |
| 20 | QPSK | 1 | 99 | 15.22 | 15.45 | 15.38 | | |
| 20 | QPSK | 50 | 0 | 15.23 | 15.53 | 15.49 | | |
| 20 | QPSK | 50 | 24 | 15.20 | 15.30 | 15.34 | 17 | 0 |
| 20 | QPSK | 50 | 50 | 15.18 | 15.25 | 15.19 | | |
| 20 | QPSK | 100 | 0 | 15.10 | 15.34 | 15.18 | | |
| 20 | 16QAM | 1 | 0 | 15.15 | 15.24 | 15.31 | | |
| 20 | 16QAM | 1 | 49 | 15.07 | 15.25 | 15.39 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 15.13 | 15.22 | 15.39 | | |
| 20 | 16QAM | 50 | 0 | 15.33 | 15.31 | 15.13 | | |
| 20 | 16QAM | | | | | | | |



Band 7 Ant0 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--------|--|--|
| Channel | | | | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 17.36 | 17.55 | 17.23 | 18.5 | 0 | | | |
| 20 | QPSK | 1 | 49 | 17.28 | 17.44 | 17.30 | | | | | |
| 20 | QPSK | 1 | 99 | 17.43 | 17.49 | 17.23 | | | | | |
| 20 | QPSK | 50 | 0 | 17.43 | 17.52 | 17.30 | 18.5 | 0 | | | |
| 20 | QPSK | 50 | 24 | 17.25 | 17.37 | 17.25 | | | | | |
| 20 | QPSK | 50 | 50 | 17.43 | 17.45 | 17.25 | | | | | |
| 20 | QPSK | 100 | 0 | 17.50 | 17.51 | 17.20 | 18.5 | 0 | | | |
| 20 | 16QAM | 1 | 0 | 17.28 | 17.51 | 17.28 | | | | | |
| 20 | 16QAM | 1 | 49 | 17.19 | 17.40 | 17.37 | | | | | |
| 20 | 16QAM | 1 | 99 | 17.34 | 17.53 | 17.20 | 18.5 | 0 | | | |
| 20 | 16QAM | 50 | 0 | 17.43 | 17.50 | 17.33 | | | | | |
| 20 | 16QAM | 50 | 24 | 17.23 | 17.38 | 17.13 | | | | | |
| 20 | 16QAM | 50 | 50 | 17.49 | 17.38 | 17.11 | 18.5 | 0 | | | |
| 20 | 16QAM | 100 | 0 | 17.49 | 17.35 | 17.19 | | | | | |
| 20 | 16QAM | 1 | 0 | 17.27 | 17.51 | 17.27 | | | | | |
| 20 | 16QAM | 1 | 49 | 17.27 | 17.38 | 17.16 | 18.5 | 0 | | | |
| 20 | 16QAM | 99 | 17.33 | 17.43 | 17.28 | | | | | | |
| 20 | 16QAM | 50 | 0 | 17.34 | 17.33 | 17.26 | | | | | |
| 20 | 16QAM | 50 | 24 | 17.24 | 17.35 | 17.31 | 18.5 | 0 | | | |
| 20 | 16QAM | 50 | 50 | 17.45 | 17.51 | 17.14 | | | | | |
| 20 | 16QAM | 100 | 0 | 17.37 | 17.48 | 17.13 | | | | | |
| Channel | | | | | | | 20825 | 21100 | 21375 | | |
| Frequency (MHz) | | | | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 17.23 | 17.27 | 16.96 | 18.5 | 0 | | | |
| 15 | QPSK | 1 | 37 | 17.12 | 17.21 | 17.19 | | | | | |
| 15 | QPSK | 1 | 74 | 17.30 | 17.24 | 17.08 | | | | | |
| 15 | QPSK | 38 | 0 | 17.23 | 17.37 | 17.04 | 18.5 | 0 | | | |
| 15 | QPSK | 38 | 39 | 17.02 | 17.24 | 17.09 | | | | | |
| 15 | QPSK | 38 | 39 | 17.28 | 17.36 | 17.02 | | | | | |
| 15 | QPSK | 75 | 0 | 17.40 | 17.24 | 16.95 | 18.5 | 0 | | | |
| 15 | 16QAM | 1 | 0 | 17.03 | 17.32 | 17.15 | | | | | |
| 15 | 16QAM | 1 | 37 | 17.01 | 17.32 | 17.23 | | | | | |
| 15 | 16QAM | 1 | 74 | 17.31 | 17.42 | 16.93 | 18.5 | 0 | | | |
| 15 | 16QAM | 36 | 0 | 17.31 | 17.41 | 17.19 | | | | | |
| 15 | 16QAM | 36 | 20 | 17.07 | 17.32 | 17.05 | | | | | |
| 15 | 16QAM | 36 | 39 | 17.41 | 17.12 | 17.04 | 18.5 | 0 | | | |
| 15 | 16QAM | 75 | 0 | 17.42 | 17.29 | 17.12 | | | | | |
| 15 | 16QAM | 1 | 0 | 17.24 | 17.49 | 17.05 | | | | | |
| 15 | 16QAM | 1 | 37 | 17.19 | 17.15 | 17.12 | 18.5 | 0 | | | |
| 15 | 16QAM | 1 | 74 | 17.29 | 17.22 | 17.22 | | | | | |
| 15 | 16QAM | 36 | 0 | 17.12 | 17.08 | 17.08 | | | | | |
| 15 | 16QAM | 36 | 20 | 17.17 | 17.21 | 17.14 | 18.5 | 0 | | | |
| 15 | 16QAM | 36 | 39 | 17.37 | 17.31 | 17.05 | | | | | |
| 15 | 16QAM | 75 | 0 | 17.22 | 17.34 | 16.98 | | | | | |
| Channel | | | | | | | 20800 | 21100 | 21400 | | |
| Frequency (MHz) | | | | | | | 2507.5 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 17.26 | 17.40 | 17.14 | 18.5 | 0 | | | |
| 10 | QPSK | 1 | 25 | 17.21 | 17.32 | 17.22 | | | | | |
| 10 | QPSK | 1 | 49 | 17.38 | 17.25 | 17.08 | | | | | |
| 10 | QPSK | 25 | 0 | 17.24 | 17.41 | 17.15 | 18.5 | 0 | | | |
| 10 | QPSK | 25 | 12 | 17.18 | 17.19 | 17.02 | | | | | |
| 10 | QPSK | 25 | 25 | 17.22 | 17.28 | 17.17 | | | | | |
| 10 | QPSK | 50 | 0 | 17.34 | 17.36 | 17.13 | 18.5 | 0 | | | |
| 10 | 16QAM | 1 | 0 | 17.11 | 17.41 | 17.05 | | | | | |
| 10 | 16QAM | 1 | 25 | 17.05 | 17.37 | 17.19 | | | | | |
| 10 | 16QAM | 1 | 49 | 17.22 | 17.49 | 17.05 | 18.5 | 0 | | | |
| 10 | 16QAM | 25 | 0 | 17.21 | 17.42 | 17.27 | | | | | |
| 10 | 16QAM | 25 | 12 | 16.97 | 17.32 | 16.99 | | | | | |
| 10 | 16QAM | 25 | 25 | 17.28 | 17.30 | 17.08 | 18.5 | 0 | | | |
| 10 | 16QAM | 50 | 0 | 17.32 | 17.11 | 17.03 | | | | | |
| 10 | 16QAM | 1 | 0 | 17.09 | 17.52 | 17.10 | | | | | |
| 10 | 16QAM | 1 | 25 | 17.22 | 17.16 | 17.11 | 18.5 | 0 | | | |
| 10 | 16QAM | 1 | 49 | 17.21 | 17.31 | 17.03 | | | | | |
| 10 | 16QAM | 25 | 0 | 17.10 | 17.16 | 17.11 | | | | | |
| 10 | 16QAM | 25 | 12 | 17.02 | 17.16 | 17.14 | 18.5 | 0 | | | |
| 10 | 16QAM | 25 | 25 | 17.42 | 17.39 | 17.08 | | | | | |
| 10 | 16QAM | 50 | 0 | 17.14 | 17.39 | 16.94 | | | | | |
| Channel | | | | | | | 20775 | 21100 | 21425 | | |
| Frequency (MHz) | | | | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 17.29 | 17.28 | 17.16 | 18.5 | 0 | | | |
| 5 | QPSK | 1 | 12 | 17.08 | 17.33 | 17.13 | | | | | |
| 5 | QPSK | 1 | 24 | 17.29 | 17.25 | 17.18 | | | | | |
| 5 | QPSK | 12 | 0 | 17.25 | 17.43 | 17.07 | 18.5 | 0 | | | |
| 5 | QPSK | 12 | 7 | 17.06 | 17.18 | 17.21 | | | | | |
| 5 | QPSK | 12 | 13 | 17.22 | 17.40 | 17.20 | | | | | |
| 5 | QPSK | 25 | 0 | 17.41 | 17.31 | 17.09 | 18.5 | 0 | | | |
| 5 | 16QAM | 1 | 0 | 17.18 | 17.49 | 17.03 | | | | | |
| 5 | 16QAM | 1 | 12 | 17.08 | 17.24 | 17.17 | | | | | |
| 5 | 16QAM | 1 | 24 | 17.09 | 17.36 | 17.16 | 18.5 | 0 | | | |
| 5 | 16QAM | 12 | 0 | 17.28 | 17.43 | 17.16 | | | | | |
| 5 | 16QAM | 12 | 7 | 17.14 | 17.24 | 16.94 | | | | | |
| 5 | 16QAM | 12 | 13 | 17.38 | 17.23 | 17.04 | 18.5 | 0 | | | |
| 5 | 16QAM | 25 | 0 | 17.44 | 17.21 | 16.94 | | | | | |
| 5 | 16QAM | 1 | 0 | 17.13 | 17.45 | 17.02 | | | | | |
| 5 | 16QAM | 1 | 12 | 17.23 | 17.23 | 17.03 | 18.5 | 0 | | | |
| 5 | 16QAM | 1 | 24 | 17.24 | 17.22 | 17.10 | | | | | |
| 5 | 16QAM | 12 | 0 | 17.15 | 17.16 | 17.14 | | | | | |
| 5 | 16QAM | 12 | 7 | 17.12 | 17.30 | 17.10 | 18.5 | 0 | | | |
| 5 | 16QAM | 12 | 13 | 17.32 | 17.26 | 16.90 | | | | | |
| 5 | 16QAM | 25 | 0 | 17.32 | 17.34 | 16.96 | | | | | |

Band 12 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-------|--|--|
| Channel | | | | | | | 23050 | 23095 | 23130 | | |
| Frequency (MHz) | | | | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.69 | 22.73 | 22.63 | 24 | 0 | | | |
| 10 | QPSK | 1 | 25 | 22.49 | 22.61 | 22.51 | | | | | |
| 10 | QPSK | 1 | 49 | 22.55 | 22.57 | 22.50 | | | | | |
| 10 | QPSK | 25 | 0 | 21.57 | 21.59 | 21.55 | 23 | 1 | | | |
| 10 | QPSK | 25 | 12 | 21.44 | 21.54 | 21.41 | | | | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.48 | 21.34 | | | | | |
| 10 | QPSK | 50 | 0 | 21.47 | 21.53 | 21.38 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.86 | 21.70 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.77 | 21.62 | | | | | |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.74 | 21.63 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 0 | 20.53 | 20.64 | 20.62 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.52 | 20.57 | 20.53 | | | | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.60 | 20.49 | 22 | 2 | | | |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.60 | 20.48 | | | | | |
| 10 | 16QAM | 1 | 0 | 20.65 | 20.80 | 20.68 | | | | | |
| 10 | 16QAM | 1 | 25 | 20.68 | 20.78 | 20.68 | 22 | 2 | | | |
| 10 | 16QAM | 1 | 49 | 20.65 | 20.70 | 20.64 | | | | | |
| 10 | 16QAM | 25 | 0 | 19.57 | 19.62 | 19.57 | | | | | |
| 10 | 16QAM | 25 | 12 | 19.46 | 19.56 | 19.53 | 21 | 3 | | | |
| 10 | 16QAM | 25 | 25 | 19.38 | 19.52 | 19.42 | | | | | |
| 10 | 16QAM | 50 | 0 | 19.53 | 19.57 | 19.49 | | | | | |
| Channel | | | | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.64 | 22.55 | 24 | 0 | | | |
| 5 | QPSK | 1 | 12 | 22.42 | 22.52 | 22.37 | | | | | |
| 5 | QPSK | 1 | 24 | 22.51 | 22.52 | 22.46 | | | | | |
| 5 | QPSK | 12 | 0 | 21.51 | 21.56 | 21.38 | 23 | 1 | | | |
| 5 | QPSK | 12 | 7 | 21.34 | 21.51 | 21.35 | | | | | |
| 5 | QPSK | 12 | 13 | 21.36 | 21.44 | 21.27 | | | | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.44 | 21.28 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 0 | 21.67 | 21.76 | 21.65 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.61 | 21.58 | | | | | |
| 5 | 16QAM | 1 | 24 | 21.50 | 21.63 | 21.57 | 23 | 1 | | | |
| 5 | 16QAM | 12 | 0 | 20.45 | 20.51 | 20.56 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.36 | 20.51 | 20.38 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.56 | 20.36 | 22 | 2 | | | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.51 | 20.33 | | | | | |
| 5 | 16QAM | 1 | 0 | 20.56 | 20.63 | 20.51 | | | | | |
| 5 | 16QAM | 1 | 12 | 20.62 | 20.74 | 20.59 | 22 | 2 | | | |
| 5 | 16QAM | 1 | 24 | 20.50 | 20.53 | 20.53 | | | | | |
| 5 | 16QAM | 12 | 0 | 19.43 | 19.58 | 19.44 | | | | | |
| 5 | 16QAM | 12 | 7 | 19.34 | 19.44 | 19.43 | 21 | 3 | | | |
| 5 | 16QAM | 12 | 13 | 19.41 | 19.41 | 19.31 | | | | | |
| 5 | 16QAM | 25 | 0 | 19.50 | 19.45 | 19.42 | | | | | |
| Channel | | | | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.66 | 22.70 | 22.60 | 24 | 0 | | | |
| 3 | QPSK | 1 | 8 | 22.43 | 22.55 | 22.35 | | | | | |
| 3 | QPSK | 1 | 14 | 22.46 | 22.45 | 22.45 | | | | | |
| 3 | QPSK | 8 | 0 | 21.46 | 21.53 | 21.40 | 23 | 1 | | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.52 | 21.34 | | | | | |
| 3 | QPSK | 8 | 7 | 21.28 | 21.40 | 21.20 | | | | | |
| 3 | QPSK | 15 | 0 | 21.34 | 21.38 | 21.28 | 23 | 1 | | | |
| 3 | 16QAM | 1 | 0 | 21.65 | 21.71 | 21.61 | | | | | |
| 3 | 16QAM | 1 | 8 | 21.66 | 21.69 | 21.54 | | | | | |
| 3 | 16QAM | 1 | 14 | 21.54 | 21.62 | 21.53 | 23 | 1 | | | |
| 3 | 16QAM | 8 | 0 | 20.38 | 20.49 | 20.47 | | | | | |
| 3 | 16QAM | 8 | 4 | 20.45 | 20.51 | 20.39 | | | | | |
| 3 | 16QAM | 8 | 7 | 20.40 | 20.52 | 20.37 | 22 | 2 | | | |
| 3 | 16QAM | 15 | | | | | | | | | |



Band 17 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 23780 | 23790 | 23800 | | |
| 712 | | | | 710 | 711 | | | |
| 10 | QPSK | 1 | 0 | 22.80 | 22.83 | 22.86 | | |
| 10 | QPSK | 1 | 25 | 22.52 | 22.61 | 22.49 | 24 | 0 |
| 10 | QPSK | 1 | 49 | 22.48 | 22.52 | 22.38 | | |
| 10 | QPSK | 25 | 0 | 21.43 | 21.56 | 21.62 | | |
| 10 | QPSK | 25 | 12 | 21.38 | 21.52 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.35 | 21.47 | 21.36 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.57 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.72 | 21.64 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.63 | 21.48 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.53 | 21.63 | 21.48 | | |
| 10 | 16QAM | 25 | 0 | 20.44 | 20.57 | 20.51 | | |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.43 | 20.29 | 22 | 2 |
| 10 | 16QAM | 25 | 25 | 20.29 | 20.45 | 20.30 | | |
| 10 | 16QAM | 50 | 0 | 20.50 | 20.54 | 20.50 | | |
| 10 | 64QAM | 1 | 0 | 20.54 | 20.68 | 20.53 | | |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.58 | 20.42 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.54 | 20.58 | 20.56 | | |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.51 | 19.44 | | |
| 10 | 64QAM | 25 | 12 | 19.39 | 19.46 | 19.37 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.27 | 19.37 | 19.26 | | |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 23755 | 23790 | 23825 | | |
| 706.5 | | | | 710 | 713.5 | | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.51 | 22.50 | | |
| 5 | QPSK | 1 | 12 | 22.41 | 22.48 | 22.38 | 24 | 0 |
| 5 | QPSK | 1 | 24 | 22.35 | 22.39 | 22.23 | | |
| 5 | QPSK | 12 | 0 | 21.28 | 21.32 | 21.42 | | |
| 5 | QPSK | 12 | 7 | 21.33 | 21.41 | 21.33 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.24 | 21.43 | 21.25 | | |
| 5 | QPSK | 25 | 0 | 21.42 | 21.48 | 21.37 | | |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.61 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.60 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.37 | 21.47 | 21.37 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.45 | 20.49 | | |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.30 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.32 | 20.27 | | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.45 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.41 | 20.54 | 20.51 | | |
| 5 | 64QAM | 1 | 12 | 20.49 | 20.41 | 20.37 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.52 | 20.42 | | |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.42 | 19.36 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.28 | 19.32 | 19.20 | | |
| 5 | 64QAM | 12 | 13 | 19.17 | 19.22 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | | |

Band 26 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 26765 | 26865 | 26965 | | |
| 821.5 | | | | 831.5 | 841.5 | | | |
| 15 | QPSK | 1 | 0 | 22.72 | 22.76 | 22.70 | | |
| 15 | QPSK | 1 | 37 | 22.57 | 22.70 | 22.61 | 24 | 0 |
| 15 | QPSK | 1 | 74 | 22.50 | 22.67 | 22.56 | | |
| 15 | QPSK | 36 | 0 | 21.55 | 21.71 | 21.62 | | |
| 15 | QPSK | 36 | 20 | 21.56 | 21.63 | 21.48 | 23 | 1 |
| 15 | QPSK | 36 | 39 | 21.55 | 21.66 | 21.61 | | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.73 | 21.57 | | |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.78 | 21.72 | | |
| 15 | 16QAM | 1 | 37 | 21.72 | 21.75 | 21.69 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.61 | 21.70 | 21.65 | | |
| 15 | 16QAM | 36 | 0 | 20.50 | 20.61 | 20.57 | | |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.44 | 20.40 | 22 | 2 |
| 15 | 16QAM | 36 | 39 | 20.41 | 20.46 | 20.36 | | |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.68 | 20.64 | | |
| 15 | 64QAM | 1 | 0 | 20.70 | 20.73 | 20.58 | | |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.57 | 20.50 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.55 | 20.59 | 20.45 | | |
| 15 | 64QAM | 36 | 0 | 19.53 | 19.63 | 19.50 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.50 | 19.41 | | |
| 15 | 64QAM | 36 | 39 | 19.53 | 19.57 | 19.52 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 26740 | 26865 | 26990 | | |
| 819 | | | | 831.5 | 844 | | | |
| 10 | QPSK | 1 | 0 | 22.48 | 22.67 | 22.61 | | |
| 10 | QPSK | 1 | 25 | 22.44 | 22.68 | 22.49 | 24 | 0 |
| 10 | QPSK | 1 | 49 | 22.46 | 22.57 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.50 | 21.61 | 21.56 | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.56 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.42 | 21.63 | 21.52 | | |
| 10 | QPSK | 50 | 0 | 21.59 | 21.67 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.65 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.72 | 21.52 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.57 | 21.56 | 21.52 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.41 | | |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.36 | 20.26 | 22 | 2 |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.32 | 20.21 | | |
| 10 | 16QAM | 50 | 0 | 20.99 | 20.55 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.59 | 20.64 | 20.48 | | |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.53 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.53 | 20.45 | 20.38 | | |
| 10 | 64QAM | 25 | 0 | 19.47 | 19.49 | 19.47 | | |
| 10 | 64QAM | 25 | 12 | 19.30 | 19.33 | 19.26 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.42 | 19.45 | | |
| 10 | 64QAM | 50 | 0 | 19.50 | 19.54 | 19.59 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 26715 | 26865 | 27015 | | |
| 816.5 | | | | 831.5 | 846.5 | | | |
| 5 | QPSK | 1 | 0 | 22.46 | 22.60 | 22.61 | | |
| 5 | QPSK | 1 | 12 | 22.42 | 22.57 | 22.46 | 24 | 0 |
| 5 | QPSK | 1 | 24 | 22.34 | 22.64 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.44 | 21.63 | 21.54 | | |
| 5 | QPSK | 12 | 7 | 21.40 | 21.53 | 21.45 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.47 | 21.58 | 21.55 | | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.61 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.75 | 21.65 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.62 | 21.60 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.52 | 21.59 | 21.52 | | |
| 5 | 16QAM | 12 | 0 | 20.44 | 20.55 | 20.40 | | |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.27 | 20.31 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.34 | 20.22 | | |
| 5 | 16QAM | 25 | 0 | 20.48 | 20.58 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.50 | 20.70 | 20.52 | | |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.50 | 20.40 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.41 | 20.54 | 20.41 | | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.58 | 19.46 | | |
| 5 | 64QAM | 12 | 7 | 19.25 | 19.34 | 19.35 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.38 | 19.48 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 26705 | 26865 | 27025 | | |
| 815.5 | | | | 831.5 | 847.5 | | | |
| 3 | QPSK | 1 | 0 | 22.57 | 22.72 | 22.61 | | |
| 3 | QPSK | 1 | 8 | 22.45 | 22.60 | 22.54 | 24 | 0 |
| 3 | QPSK | 1 | 14 | 22.43 | 22.60 | 22.50 | | |
| 3 | QPSK | 8 | 0 | 21.50 | 21.57 | 21.58 | | |
| 3 | QPSK | 8 | 4 | 21.47 | 21.58 | 21.35 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.46 | 21.62 | 21.57 | | |
| 3 | 16QAM | 15 | 0 | 21.53 | 21.71 | 21.46 | | |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.72 | 21.58 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.53 | 21.70 | 21.62 | | |
| 3 | 16QAM | 1 | 14 | 21.46 | 21.57 | 21.54 | | |
| 3 | 16QAM | 8 | 0 | 20.45 | 20.57 | 20.54 | | |
| 3 | 16QAM | 8 | 4 | 20.23 | 20.36 | 20.28 | 22 | 2 |
| 3 | 16QAM | 8 | 7 | 20.27 | 20.43 | 20.24 | | |
| 3 | 16QAM | 15 | 0 | 20.53 | 20.53 | 20.60 | | |
| 3 | 64QAM | 1 | 0 | 20.54 | 20.57 | 20.53 | | |
| 3 | 64QAM | 1 | 8 | 20.33 | 20.40 | 20.38 | 22 | 2 |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.55 | 20.42 | | |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.54 | 19.33 | | |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.39 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.42 | 19.53 | 19.37 | | |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 26697 | 26865 | 27033 | | |
| 814.7 | | | | 831.5 | 848.3 | | | |
| 1.4 | QPSK | 1 | 0 | 22.47 | 22.73 | 22.57 | | |
| 1.4 | QPSK | 1 | 3 | 22.43 | 22.61 | 22.45 | 24 | 0 |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.64 | 22.42 | | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.68 | 22.54 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.56 | 22.40 | 23 | 1 |
| 1.4 | QPSK | 3 | 2 | 22.42 | 22.60 | 22.47 | | |



| Band 38 Ant0 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|----------------------|--------------------|-----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2880 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 17.52 | 17.57 | 17.45 | 19 | 0 | | |
| 20 | QPSK | 1 | 49 | 17.51 | 17.45 | 17.43 | | | | |
| 20 | QPSK | 1 | 99 | 17.26 | 17.55 | 17.40 | | | | |
| 20 | QPSK | 50 | 0 | 17.24 | 17.53 | 17.31 | 19 | 0 | | |
| 20 | QPSK | 50 | 24 | 17.17 | 17.43 | 17.13 | | | | |
| 20 | QPSK | 50 | 50 | 17.23 | 17.50 | 17.37 | | | | |
| 20 | QPSK | 100 | 0 | 17.19 | 17.57 | 17.29 | 19 | 0 | | |
| 20 | 16QAM | 1 | 0 | 17.35 | 17.49 | 17.37 | | | | |
| 20 | 16QAM | 1 | 49 | 17.39 | 17.42 | 17.34 | | | | |
| 20 | 16QAM | 1 | 99 | 17.27 | 17.29 | 17.26 | 19 | 0 | | |
| 20 | 16QAM | 50 | 0 | 17.30 | 17.29 | 17.04 | | | | |
| 20 | 16QAM | 50 | 24 | 17.13 | 17.16 | 17.19 | | | | |
| 20 | 16QAM | 50 | 50 | 17.07 | 17.35 | 17.17 | 19 | 0 | | |
| 20 | 16QAM | 100 | 0 | 17.23 | 17.22 | 17.04 | | | | |
| 20 | 64QAM | 1 | 0 | 17.41 | 17.53 | 17.20 | | | | |
| 20 | 64QAM | 1 | 49 | 17.34 | 17.14 | 17.15 | 19 | 0 | | |
| 20 | 64QAM | 1 | 99 | 17.23 | 17.47 | 17.30 | | | | |
| 20 | 64QAM | 50 | 0 | 17.19 | 17.31 | 17.18 | | | | |
| 20 | 64QAM | 50 | 24 | 17.28 | 17.30 | 17.14 | 19 | 0 | | |
| 20 | 64QAM | 50 | 50 | 17.18 | 17.45 | 17.17 | | | | |
| 20 | 64QAM | 100 | 0 | 17.15 | 17.23 | 17.11 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 17.45 | 17.45 | 17.19 | 19 | 0 | | |
| 15 | QPSK | 1 | 37 | 17.39 | 17.33 | 17.30 | | | | |
| 15 | QPSK | 1 | 74 | 17.18 | 17.47 | 17.21 | | | | |
| 15 | QPSK | 36 | 0 | 17.29 | 17.36 | 17.10 | 19 | 0 | | |
| 15 | QPSK | 36 | 20 | 17.14 | 17.29 | 17.03 | | | | |
| 15 | QPSK | 36 | 39 | 17.07 | 17.32 | 17.24 | | | | |
| 15 | QPSK | 75 | 0 | 17.23 | 17.42 | 17.24 | 19 | 0 | | |
| 15 | 16QAM | 1 | 0 | 17.20 | 17.38 | 17.17 | | | | |
| 15 | 16QAM | 1 | 37 | 17.31 | 17.11 | 17.19 | | | | |
| 15 | 16QAM | 1 | 74 | 17.05 | 17.35 | 17.24 | 19 | 0 | | |
| 15 | 16QAM | 36 | 0 | 17.17 | 17.18 | 17.11 | | | | |
| 15 | 16QAM | 36 | 20 | 17.03 | 17.13 | 17.03 | | | | |
| 15 | 16QAM | 36 | 39 | 17.00 | 17.22 | 17.18 | 19 | 0 | | |
| 15 | 16QAM | 75 | 0 | 17.10 | 17.01 | 17.08 | | | | |
| 15 | 64QAM | 1 | 0 | 17.19 | 17.35 | 17.22 | | | | |
| 15 | 64QAM | 1 | 37 | 17.17 | 17.08 | 17.17 | 19 | 0 | | |
| 15 | 64QAM | 1 | 74 | 17.01 | 17.31 | 17.09 | | | | |
| 15 | 64QAM | 36 | 0 | 17.21 | 17.09 | 17.10 | | | | |
| 15 | 64QAM | 36 | 20 | 17.20 | 17.08 | 17.08 | 19 | 0 | | |
| 15 | 64QAM | 36 | 39 | 17.03 | 17.25 | 17.16 | | | | |
| 15 | 64QAM | 75 | 0 | 17.00 | 17.10 | 17.09 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2675 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 17.45 | 17.56 | 17.37 | 19 | 0 | | |
| 10 | QPSK | 1 | 25 | 17.24 | 17.39 | 17.18 | | | | |
| 10 | QPSK | 1 | 49 | 17.20 | 17.54 | 17.18 | | | | |
| 10 | QPSK | 25 | 0 | 17.08 | 17.51 | 17.05 | 19 | 0 | | |
| 10 | QPSK | 25 | 12 | 17.17 | 17.26 | 17.15 | | | | |
| 10 | QPSK | 25 | 25 | 17.04 | 17.44 | 17.29 | | | | |
| 10 | QPSK | 50 | 0 | 17.13 | 17.45 | 17.10 | 19 | 0 | | |
| 10 | 16QAM | 1 | 0 | 17.09 | 17.31 | 17.22 | | | | |
| 10 | 16QAM | 1 | 25 | 17.40 | 17.31 | 17.26 | | | | |
| 10 | 16QAM | 1 | 49 | 17.13 | 17.33 | 17.20 | 19 | 0 | | |
| 10 | 16QAM | 25 | 0 | 17.21 | 17.23 | 17.14 | | | | |
| 10 | 16QAM | 25 | 12 | 17.02 | 17.07 | 17.08 | | | | |
| 10 | 16QAM | 25 | 25 | 17.12 | 17.19 | 17.03 | 19 | 0 | | |
| 10 | 16QAM | 50 | 0 | 17.08 | 17.02 | 17.10 | | | | |
| 10 | 64QAM | 1 | 0 | 17.27 | 17.27 | 17.18 | | | | |
| 10 | 64QAM | 1 | 25 | 17.35 | 17.07 | 17.07 | 19 | 0 | | |
| 10 | 64QAM | 1 | 49 | 17.06 | 17.27 | 17.13 | | | | |
| 10 | 64QAM | 25 | 0 | 17.20 | 17.09 | 17.07 | | | | |
| 10 | 64QAM | 25 | 12 | 17.01 | 17.25 | 17.07 | 19 | 0 | | |
| 10 | 64QAM | 25 | 25 | 17.05 | 17.28 | 17.11 | | | | |
| 10 | 64QAM | 50 | 0 | 17.06 | 17.04 | 17.04 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2672.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 17.27 | 17.53 | 17.35 | 19 | 0 | | |
| 5 | QPSK | 1 | 12 | 17.43 | 17.20 | 17.33 | | | | |
| 5 | QPSK | 1 | 24 | 17.12 | 17.44 | 17.37 | | | | |
| 5 | QPSK | 12 | 0 | 17.28 | 17.33 | 17.08 | 19 | 0 | | |
| 5 | QPSK | 12 | 7 | 17.13 | 17.18 | 17.03 | | | | |
| 5 | QPSK | 12 | 13 | 17.00 | 17.32 | 17.33 | | | | |
| 5 | QPSK | 25 | 0 | 17.10 | 17.46 | 17.16 | 19 | 0 | | |
| 5 | 16QAM | 1 | 0 | 17.18 | 17.34 | 17.16 | | | | |
| 5 | 16QAM | 1 | 12 | 17.38 | 17.10 | 17.11 | | | | |
| 5 | 16QAM | 1 | 24 | 17.03 | 17.26 | 17.22 | 19 | 0 | | |
| 5 | 16QAM | 12 | 0 | 17.03 | 17.16 | 17.03 | | | | |
| 5 | 16QAM | 12 | 7 | 17.08 | 17.07 | 17.14 | | | | |
| 5 | 16QAM | 12 | 13 | 17.01 | 17.29 | 17.13 | 19 | 0 | | |
| 5 | 16QAM | 25 | 0 | 17.03 | 17.16 | 17.02 | | | | |
| 5 | 64QAM | 1 | 0 | 17.41 | 17.29 | 17.21 | | | | |
| 5 | 64QAM | 1 | 12 | 17.36 | 17.03 | 17.21 | 19 | 0 | | |
| 5 | 64QAM | 1 | 24 | 17.10 | 17.39 | 17.30 | | | | |
| 5 | 64QAM | 12 | 0 | 17.26 | 17.21 | 17.15 | | | | |
| 5 | 64QAM | 12 | 7 | 17.04 | 17.18 | 17.01 | 19 | 0 | | |
| 5 | 64QAM | 12 | 13 | 17.05 | 17.28 | 17.18 | | | | |
| 5 | 64QAM | 25 | 0 | 17.04 | 17.07 | 17.00 | | | | |

| Band 41 Ant0 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|----------------------|--------------------|-----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 17.61 | 17.47 | 17.66 | 19 | 0 | | |
| 20 | QPSK | 1 | 49 | 17.60 | 17.45 | 17.40 | | | | |
| 20 | QPSK | 1 | 99 | 17.61 | 17.25 | 17.52 | | | | |
| 20 | QPSK | 50 | 0 | 17.42 | 17.29 | 17.54 | 19 | 0 | | |
| 20 | QPSK | 50 | 24 | 17.48 | 17.23 | 17.40 | | | | |
| 20 | QPSK | 50 | 50 | 17.41 | 17.18 | 17.46 | | | | |
| 20 | QPSK | 100 | 0 | 17.36 | 17.24 | 17.57 | 19 | 0 | | |
| 20 | 16QAM | 1 | 0 | 17.54 | 17.29 | 17.46 | | | | |
| 20 | 16QAM | 1 | 49 | 17.37 | 17.41 | 17.32 | | | | |
| 20 | 16QAM | 1 | 99 | 17.41 | 17.16 | 17.40 | 19 | 0 | | |
| 20 | 16QAM | 50 | 0 | 17.38 | 17.21 | 17.34 | | | | |
| 20 | 16QAM | 50 | 24 | 17.43 | 17.05 | 17.18 | | | | |
| 20 | 16QAM | 50 | 50 | 17.20 | 17.15 | 17.41 | 19 | 0 | | |
| 20 | 16QAM | 100 | 0 | 17.51 | 17.17 | 17.21 | | | | |
| 20 | 64QAM | 1 | 0 | 17.44 | 17.39 | 17.43 | | | | |
| 20 | 64QAM | 1 | 49 | 17.46 | 17.38 | 17.21 | 19 | 0 | | |
| 20 | 64QAM | 1 | 99 | 17.49 | 17.12 | 17.42 | | | | |
| 20 | 64QAM | 50 | 0 | 17.32 | 17.28 | 17.21 | | | | |
| 20 | 64QAM | 50 | 24 | 17.41 | 17.20 | 17.29 | 19 | 0 | | |
| 20 | 64QAM | 50 | 50 | 17.30 | 17.21 | 17.46 | | | | |
| 20 | 64QAM | 100 | 0 | 17.47 | 17.07 | 17.23 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 17.60 | 17.35 | 17.37 | 19 | 0 | | |
| 15 | QPSK | 1 | 37 | 17.42 | 17.20 | 17.17 | | | | |
| 15 | QPSK | 1 | 74 | 17.57 | 17.10 | 17.42 | | | | |
| 15 | QPSK | 36 | 0 | 17.28 | 17.24 | 17.23 | 19 | 0 | | |
| 15 | QPSK | 36 | 20 | 17.32 | 17.20 | 17.23 | | | | |
| 15 | QPSK | 36 | 39 | 17.23 | 17.15 | 17.44 | | | | |
| 15 | QPSK | 75 | 0 | 17.49 | 17.20 | 17.12 | 19 | 0 | | |
| 15 | 16QAM | 1 | 0 | 17.44 | 17.08 | 17.23 | | | | |
| 15 | 16QAM | 1 | 37 | 17.15 | 17.30 | 17.10 | | | | |
| 15 | 16QAM | 1 | 74 | 17.23 | 17.08 | 17.21 | 19 | 0 | | |
| 15 | 16QAM | 36 | 0 | 17.38 | 17.21 | 17.23 | | | | |
| 15 | 16QAM | 36 | 20 | 17.22 | 17.01 | 17.14 | | | | |
| 15 | 16QAM | 36 | 39 | 17.02 | 17.05 | 17.26 | 19 | 0 | | |
| 15 | 16QAM | 75 | 0 | 17.44 | 17.12 | 17.17 | | | | |
| 15 | 64QAM | 1 | 0 | 17.32 | 17.17 | 17.31 | | | | |
| 15 | 64QAM | 1 | 37 | 17.24 | 17.22 | 17.12 | 19 | 0 | | |
| 15 | 64QAM | 1 | 74 | 17.29 | 17.04 | 17.20 | | | | |
| 15 | 64QAM | 36 | 0 | 17.38 | 17.21 | 17.46 | | | | |
| 15 | 64QAM | 36 | 20 | 17.25 | 17.06 | 17.17 | 19 | 0 | | |
| 15 | 64QAM | 36 | 39 | 17.15 | 17.03 | 17.30 | | | | |
| 15 | 64QAM | 75 | 0 | 17.24 | 17.04 | 17.09 | | | | |
| Channel | | | | 39700 | 40160 | 40620 | | | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | | | | |



| GSM850 Ant1 DSI 3 | | | | | | | | |
|---|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM850 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| GSM 1 Tx slot | 30.10 | 30.22 | 30.18 | 30.50 | 21.10 | 21.22 | 21.18 | 21.50 |
| GPRS 1 Tx slot | 30.20 | 30.25 | 30.19 | 30.50 | 21.20 | 21.25 | 21.19 | 21.50 |
| GPRS 2 Tx slots | 28.96 | 29.04 | 28.96 | 29.50 | 22.96 | 23.04 | 22.96 | 23.50 |
| GPRS 3 Tx slots | 28.94 | 27.00 | 26.85 | 27.50 | 22.68 | 22.74 | 22.59 | 23.24 |
| GPRS 4 Tx slots | 25.88 | 25.98 | 25.83 | 26.50 | 22.88 | 22.98 | 22.83 | 23.50 |
| EDGE 1 Tx slot | 23.22 | 23.32 | 23.42 | 23.50 | 14.22 | 14.32 | 14.42 | 15.50 |
| EDGE 2 Tx slots | 21.91 | 22.02 | 22.16 | 23.50 | 15.91 | 16.02 | 16.16 | 17.50 |
| EDGE 3 Tx slots | 19.61 | 19.76 | 19.93 | 21.00 | 15.35 | 15.50 | 15.67 | 16.74 |
| EDGE 4 Tx slots | 18.22 | 18.27 | 18.53 | 19.50 | 15.22 | 15.27 | 15.53 | 16.60 |

| GSM1900 Ant1 DSI 3 | | | | | | | | |
|--|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM1900 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM 1 Tx slot | 22.57 | 22.68 | 22.58 | 23.50 | 13.67 | 13.69 | 13.58 | 14.50 |
| GPRS 1 Tx slot | 22.55 | 22.70 | 22.58 | 23.50 | 13.55 | 13.70 | 13.58 | 14.50 |
| GPRS 2 Tx slots | 21.67 | 21.74 | 21.59 | 22.50 | 15.67 | 15.74 | 15.59 | 16.50 |
| GPRS 3 Tx slots | 19.61 | 19.68 | 19.60 | 20.50 | 15.35 | 15.42 | 15.34 | 16.24 |
| GPRS 4 Tx slots | 16.76 | 16.87 | 16.74 | 18.50 | 15.76 | 15.87 | 15.74 | 16.50 |
| EDGE 1 Tx slot | 17.45 | 17.45 | 17.54 | 18.50 | 8.15 | 8.46 | 8.54 | 9.50 |
| EDGE 2 Tx slots | 16.22 | 16.39 | 16.64 | 17.50 | 10.22 | 10.39 | 10.64 | 11.50 |
| EDGE 3 Tx slots | 14.18 | 14.48 | 14.52 | 15.50 | 9.92 | 10.22 | 10.26 | 11.24 |
| EDGE 4 Tx slots | 13.22 | 13.51 | 13.53 | 14.50 | 10.22 | 10.51 | 10.53 | 11.50 |

| Band | WCDMA II Ant1 DSI 3 | | | Tune-up Limit (dBm) | WCDMA IV Ant1 DSI 3 | | | Tune-up Limit (dBm) | WCDMA V Ant1 Default | | | Tune-up Limit (dBm) |
|----------------------------------|---------------------|-------|-------|---------------------------|---------------------|-------|-------|---------------------------|----------------------|-------|-------|---------------------------|
| | 9262 | 9500 | 9533 | | 1312 | 1413 | 1513 | | 4132 | 4162 | 4233 | |
| 3GPP Rel 99 RMC 12.2kbps | 19.00 | 19.09 | 18.88 | 20.00 | 16.66 | 16.68 | 16.51 | 20.00 | 23.05 | 24.10 | 23.95 | 25.00 |
| 3GPP Rel 99 RMC 12.2kbps | 19.05 | 19.14 | 18.92 | 20.00 | 18.71 | 18.80 | 18.60 | 20.00 | 24.38 | 24.39 | 24.36 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 17.56 | 17.70 | 17.70 | 19.00 | 17.69 | 17.70 | 17.61 | 19.00 | 22.81 | 23.07 | 22.94 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 17.39 | 17.69 | 17.84 | 19.00 | 17.51 | 17.67 | 17.39 | 19.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 17.00 | 17.25 | 17.24 | 18.50 | 16.98 | 17.19 | 17.18 | 18.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 18.94 | 17.27 | 17.29 | 18.50 | 17.09 | 17.19 | 17.16 | 18.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 17.47 | 17.81 | 17.74 | 19.00 | 17.67 | 17.67 | 17.60 | 19.00 | 22.86 | 23.04 | 22.93 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 17.53 | 17.59 | 17.66 | 19.00 | 17.42 | 17.68 | 17.58 | 19.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 16.88 | 17.13 | 17.26 | 18.50 | 17.10 | 17.24 | 16.82 | 18.50 | 22.36 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 17.14 | 17.40 | 17.25 | 18.50 | 16.94 | 17.11 | 16.90 | 18.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 17.45 | 17.77 | 17.79 | 19.00 | 17.49 | 17.78 | 17.70 | 19.00 | 22.77 | 23.16 | 22.93 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 15.54 | 15.79 | 15.84 | 17.00 | 15.51 | 15.66 | 15.49 | 17.00 | 20.89 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 16.41 | 16.62 | 16.71 | 18.00 | 16.46 | 16.66 | 16.54 | 18.00 | 21.05 | 21.96 | 21.96 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 15.58 | 15.84 | 15.78 | 17.00 | 15.41 | 15.80 | 15.53 | 17.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 17.72 | 17.84 | 17.83 | 19.00 | 17.49 | 17.81 | 17.53 | 19.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Band 2 Ant1 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18900 | 19100 | | |
| 20 | QPSK | 1 | 0 | 17.92 | 18.93 | 19.00 | | |
| 20 | QPSK | 1 | 49 | 17.66 | 17.88 | 17.70 | 19 | 0 |
| 20 | QPSK | 1 | 99 | 17.83 | 17.90 | 17.67 | | |
| 20 | QPSK | 50 | 0 | 17.87 | 17.88 | 17.67 | | |
| 20 | QPSK | 50 | 24 | 17.59 | 17.61 | 17.67 | 19 | 0 |
| 20 | QPSK | 50 | 50 | 17.85 | 17.71 | 17.62 | | |
| 20 | QPSK | 100 | 0 | 17.65 | 17.72 | 17.53 | | |
| 20 | 16QAM | 1 | 0 | 17.85 | 17.84 | 17.81 | | |
| 20 | 16QAM | 1 | 49 | 17.56 | 17.53 | 17.53 | 19 | 0 |
| 20 | 16QAM | 1 | 99 | 17.72 | 17.85 | 17.50 | | |
| 20 | 16QAM | 50 | 0 | 17.68 | 17.85 | 17.52 | | |
| 20 | 16QAM | 50 | 24 | 17.40 | 17.39 | 17.53 | 19 | 0 |
| 20 | 16QAM | 50 | 50 | 17.67 | 17.87 | 17.52 | | |
| 20 | 16QAM | 100 | 0 | 17.43 | 17.51 | 17.50 | | |
| 20 | 84QAM | 1 | 0 | 17.86 | 18.06 | 17.63 | | |
| 20 | 84QAM | 1 | 49 | 17.64 | 17.67 | 17.73 | 19 | 0 |
| 20 | 84QAM | 1 | 99 | 18.03 | 17.80 | 17.72 | | |
| 20 | 84QAM | 50 | 0 | 17.82 | 17.87 | 17.75 | | |
| 20 | 84QAM | 50 | 24 | 17.49 | 17.46 | 17.70 | 19 | 0 |
| 20 | 84QAM | 50 | 50 | 17.65 | 17.69 | 17.63 | | |
| 20 | 84QAM | 100 | 0 | 17.63 | 17.78 | 17.65 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18675 | 18900 | 19125 | | |
| 15 | QPSK | 1 | 0 | 17.81 | 17.87 | 17.70 | | |
| 15 | QPSK | 1 | 37 | 17.50 | 17.68 | 17.64 | 19 | 0 |
| 15 | QPSK | 1 | 74 | 17.88 | 17.71 | 17.40 | | |
| 15 | QPSK | 36 | 0 | 17.36 | 17.38 | 17.42 | | |
| 15 | QPSK | 36 | 20 | 17.48 | 17.54 | 17.50 | 19 | 0 |
| 15 | QPSK | 36 | 39 | 17.75 | 17.46 | 17.44 | | |
| 15 | QPSK | 75 | 0 | 17.57 | 17.55 | 17.45 | | |
| 15 | 16QAM | 1 | 0 | 17.65 | 17.68 | 17.55 | | |
| 15 | 16QAM | 1 | 37 | 17.62 | 17.67 | 17.38 | 19 | 0 |
| 15 | 16QAM | 1 | 74 | 17.51 | 17.41 | 17.30 | | |
| 15 | 16QAM | 36 | 0 | 17.57 | 17.76 | 17.48 | | |
| 15 | 16QAM | 36 | 20 | 17.36 | 17.38 | 17.42 | 19 | 0 |
| 15 | 16QAM | 36 | 39 | 17.80 | 17.69 | 17.40 | | |
| 15 | 16QAM | 75 | 0 | 17.18 | 17.40 | 17.31 | | |
| 15 | 84QAM | 1 | 0 | 17.64 | 17.92 | 17.46 | | |
| 15 | 84QAM | 1 | 37 | 17.57 | 17.58 | 17.51 | 19 | 0 |
| 15 | 84QAM | 1 | 74 | 17.86 | 17.44 | 17.49 | | |
| 15 | 84QAM | 36 | 0 | 17.57 | 17.57 | 17.60 | | |
| 15 | 84QAM | 36 | 20 | 17.32 | 17.41 | 17.40 | 19 | 0 |
| 15 | 84QAM | 36 | 39 | 17.58 | 17.46 | 17.57 | | |
| 15 | 84QAM | 75 | 0 | 17.58 | 17.58 | 17.47 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18550 | 18900 | 19150 | | |
| 10 | QPSK | 1 | 0 | 17.74 | 17.71 | 17.81 | | |
| 10 | QPSK | 1 | 25 | 17.49 | 17.62 | 17.64 | 19 | 0 |
| 10 | QPSK | 1 | 49 | 17.85 | 17.78 | 17.41 | | |
| 10 | QPSK | 25 | 0 | 17.83 | 17.63 | 17.41 | | |
| 10 | QPSK | 25 | 12 | 17.44 | 17.53 | 17.54 | 19 | 0 |
| 10 | QPSK | 25 | 25 | 17.62 | 17.61 | 17.54 | | |
| 10 | QPSK | 50 | 0 | 17.45 | 17.74 | 17.38 | | |
| 10 | 16QAM | 1 | 0 | 17.89 | 17.74 | 17.72 | | |
| 10 | 16QAM | 1 | 25 | 17.80 | 17.65 | 17.31 | 19 | 0 |
| 10 | 16QAM | 1 | 49 | 17.49 | 17.44 | 17.32 | | |
| 10 | 16QAM | 25 | 0 | 17.50 | 17.69 | 17.28 | | |
| 10 | 16QAM | 25 | 12 | 17.31 | 17.25 | 17.32 | 19 | 0 |
| 10 | 16QAM | 25 | 25 | 17.55 | 17.64 | 17.49 | | |
| 10 | 16QAM | 50 | 0 | 17.31 | 17.37 | 17.36 | | |
| 10 | 84QAM | 1 | 0 | 17.73 | 17.86 | 17.53 | | |
| 10 | 84QAM | 1 | 25 | 17.41 | 17.57 | 17.69 | 19 | 0 |
| 10 | 84QAM | 1 | 49 | 17.77 | 17.50 | 17.57 | | |
| 10 | 84QAM | 25 | 0 | 17.74 | 17.59 | 17.50 | | |
| 10 | 84QAM | 25 | 12 | 17.42 | 17.34 | 17.59 | 19 | 0 |
| 10 | 84QAM | 25 | 25 | 17.39 | 17.59 | 17.55 | | |
| 10 | 84QAM | 50 | 0 | 17.58 | 17.53 | 17.48 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18625 | 18900 | 19175 | | |
| 5 | QPSK | 1 | 0 | 17.75 | 17.79 | 17.91 | | |
| 5 | QPSK | 1 | 12 | 17.48 | 17.76 | 17.85 | 19 | 0 |
| 5 | QPSK | 1 | 24 | 17.81 | 17.65 | 17.40 | | |
| 5 | QPSK | 12 | 0 | 17.81 | 17.60 | 17.51 | | |
| 5 | QPSK | 12 | 7 | 17.46 | 17.55 | 17.54 | 19 | 0 |
| 5 | QPSK | 12 | 13 | 17.83 | 17.67 | 17.43 | | |
| 5 | QPSK | 25 | 0 | 17.49 | 17.51 | 17.34 | | |
| 5 | 16QAM | 1 | 0 | 17.73 | 17.67 | 17.55 | | |
| 5 | 16QAM | 1 | 12 | 17.43 | 17.76 | 17.32 | 19 | 0 |
| 5 | 16QAM | 1 | 24 | 17.57 | 17.42 | 17.39 | | |
| 5 | 16QAM | 12 | 0 | 17.51 | 17.76 | 17.37 | | |
| 5 | 16QAM | 12 | 7 | 17.26 | 17.36 | 17.40 | 19 | 0 |
| 5 | 16QAM | 12 | 13 | 17.55 | 17.65 | 17.37 | | |
| 5 | 16QAM | 25 | 0 | 17.27 | 17.31 | 17.33 | | |
| 5 | 84QAM | 1 | 0 | 17.82 | 17.90 | 17.52 | | |
| 5 | 84QAM | 1 | 12 | 17.59 | 17.49 | 17.68 | 19 | 0 |
| 5 | 84QAM | 1 | 24 | 17.86 | 17.48 | 17.48 | | |
| 5 | 84QAM | 12 | 0 | 17.79 | 17.50 | 17.67 | | |
| 5 | 84QAM | 12 | 7 | 17.43 | 17.42 | 17.37 | 19 | 0 |
| 5 | 84QAM | 12 | 13 | 17.44 | 17.46 | 17.55 | | |
| 5 | 84QAM | 25 | 0 | 17.48 | 17.67 | 17.61 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18615 | 18900 | 19185 | | |
| 3 | QPSK | 1 | 0 | 17.76 | 17.72 | 17.74 | | |
| 3 | QPSK | 1 | 8 | 17.53 | 17.81 | 17.45 | 19 | 0 |
| 3 | QPSK | 1 | 14 | 17.90 | 17.71 | 17.53 | | |
| 3 | QPSK | 8 | 0 | 17.71 | 17.76 | 17.56 | | |
| 3 | QPSK | 8 | 4 | 17.41 | 17.46 | 17.45 | 19 | 0 |
| 3 | QPSK | 8 | 7 | 17.86 | 17.53 | 17.58 | | |
| 3 | QPSK | 15 | 0 | 17.44 | 17.45 | 17.45 | | |
| 3 | 16QAM | 1 | 0 | 17.61 | 17.57 | 17.64 | | |
| 3 | 16QAM | 1 | 8 | 17.62 | 17.80 | 17.46 | 19 | 0 |
| 3 | 16QAM | 1 | 14 | 17.46 | 17.53 | 17.32 | | |
| 3 | 16QAM | 8 | 0 | 17.44 | 17.66 | 17.26 | | |
| 3 | 16QAM | 8 | 4 | 17.28 | 17.28 | 17.36 | 19 | 0 |
| 3 | 16QAM | 8 | 7 | 17.58 | 17.66 | 17.34 | | |
| 3 | 16QAM | 15 | 0 | 17.18 | 17.39 | 17.38 | | |
| 3 | 84QAM | 1 | 0 | 17.72 | 17.86 | 17.56 | | |
| 3 | 84QAM | 1 | 8 | 17.58 | 17.49 | 17.61 | 19 | 0 |
| 3 | 84QAM | 1 | 14 | 17.87 | 17.43 | 17.62 | | |
| 3 | 84QAM | 8 | 0 | 17.59 | 17.44 | 17.53 | | |
| 3 | 84QAM | 8 | 4 | 17.33 | 17.33 | 17.55 | 19 | 0 |
| 3 | 84QAM | 8 | 7 | 17.57 | 17.55 | 17.47 | | |
| 3 | 84QAM | 15 | 0 | 17.55 | 17.62 | 17.57 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18507 | 18900 | 19093 | | |
| 1.4 | QPSK | 1 | 0 | 17.70 | 17.66 | 17.63 | | |
| 1.4 | QPSK | 1 | 3 | 17.52 | 17.70 | 17.44 | 19 | 0 |
| 1.4 | QPSK | 1 | 5 | 17.86 | 17.71 | 17.63 | | |
| 1.4 | QPSK | 3 | 0 | 17.75 | 17.72 | 17.44 | | |
| 1.4 | QPSK | 3 | 1 | 17.41 | 17.55 | 17.44 | 19 | 0 |
| 1.4 | QPSK | 3 | 3 | 17.81 | 17.62 | 17.53 | | |
| 1.4 | QPSK | 6 | 0 | 17.61 | 17.57 | 17.33 | 19 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.77 | 17.68 | 17.57 | | |
| 1.4 | 16QAM | 1 | 3 | 17.49 | 17.36 | 17.67 | 19 | 0 |
| 1.4 | 16QAM | 1 | 5 | 17.58 | 17.59 | 17.35 | | |
| 1.4 | 16QAM | 3 | 0 | 17.51 | 17.70 | 17.27 | | |
| 1.4 | 16QAM | 3 | 1 | 17.33 | 17.22 | 17.38 | 19 | 0 |
| 1.4 | 16QAM | 3 | 3 | 17.47 | 17.63 | 17.30 | | |
| 1.4 | 16QAM | 6 | 0 | 17.35 | 17.29 | 17.30 | 19 | 0 |
| 1.4 | 84QAM | 1 | 0 | 17.69 | 17.82 | 17.41 | | |
| 1.4 | 84QAM | 1 | 3 | 17.48 | 17.50 | 17.50 | | |
| 1.4 | 84QAM | 1 | 5 | 17.86 | 17.56 | 17.67 | 19 | 0 |
| 1.4 | 84QAM | 3 | 0 | 17.66 | 17.53 | 17.67 | | |
| 1.4 | 84QAM | 3 | 1 | 17.36 | 17.29 | 17.50 | | |
| 1.4 | 84QAM | 3 | 3 | 17.56 | 17.54 | 17.40 | 19 | 0 |
| 1.4 | 84QAM | 6 | 0 | 17.39 | 17.64 | 17.56 | | |

Band 4 Ant1 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 17.82 | 17.925 | 17.93 | | |
| 20 | QPSK | 1 | 49 | 17.65 | 17.87 | 17.65 | 19 | 0 |
| 20 | QPSK | 1 | 99 | 17.80 | 17.86 | 17.60 | | |
| 20 | QPSK | 50 | 0 | 17.75 | 17.88 | 17.66 | | |
| 20 | QPSK | 50 | 24 | 17.53 | 17.75 | 17.59 | 19 | 0 |
| 20 | QPSK | 50 | 50 | 17.78 | 17.74 | 17.60 | | |
| 20 | QPSK | 100 | 0 | 17.51 | 17.84 | 17.57 | | |
| 20 | 16QAM | 1 | 0 | 17.76 | 17.72 | 17.65 | | |
| 20 | 16QAM | 1 | 49 | 17.46 | 17.65 | 17.47 | 19 | 0 |
| 20 | 16QAM | 1 | 99 | 17.72 | 17.68 | 17.48 | | |
| 20 | 16QAM | | | | | | | |



Band 7 Ant1 DSI 3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--------|--|--|
| Channel | | | | | | | 20850 | 21100 | 21550 | | |
| Frequency (MHz) | | | | | | | 2510 | 2551 | 2550 | | |
| 20 | QPSK | 1 | 0 | 16.47 | 16.51 | 16.39 | | | | | |
| 20 | QPSK | 1 | 49 | 16.41 | 16.38 | 16.27 | 18 | 0 | | | |
| 20 | QPSK | 1 | 99 | 16.38 | 16.40 | 16.27 | | | | | |
| 20 | QPSK | 50 | 0 | 16.44 | 16.48 | 16.35 | | | | | |
| 20 | QPSK | 50 | 24 | 16.39 | 16.45 | 16.25 | 18 | 0 | | | |
| 20 | QPSK | 50 | 50 | 16.43 | 16.42 | 16.34 | | | | | |
| 20 | QPSK | 100 | 0 | 16.38 | 16.42 | 16.30 | | | | | |
| 20 | 16QAM | 1 | 0 | 16.36 | 16.45 | 16.24 | | | | | |
| 20 | 16QAM | 1 | 49 | 16.26 | 16.31 | 16.14 | 18 | 0 | | | |
| 20 | 16QAM | 1 | 99 | 16.25 | 16.25 | 16.12 | | | | | |
| 20 | 16QAM | 50 | 0 | 16.32 | 16.32 | 16.29 | | | | | |
| 20 | 16QAM | 50 | 24 | 16.24 | 16.34 | 16.13 | 18 | 0 | | | |
| 20 | 16QAM | 50 | 50 | 16.37 | 16.31 | 16.22 | | | | | |
| 20 | 16QAM | 100 | 0 | 16.30 | 16.33 | 16.19 | | | | | |
| 20 | 64QAM | 1 | 0 | 16.33 | 16.36 | 16.26 | | | | | |
| 20 | 64QAM | 1 | 49 | 16.35 | 16.27 | 16.12 | 18 | 0 | | | |
| 20 | 64QAM | 1 | 99 | 16.26 | 16.32 | 16.19 | | | | | |
| 20 | 64QAM | 50 | 0 | 16.34 | 16.43 | 16.27 | | | | | |
| 20 | 64QAM | 50 | 24 | 16.32 | 16.35 | 16.18 | 18 | 0 | | | |
| 20 | 64QAM | 50 | 50 | 16.37 | 16.31 | 16.30 | | | | | |
| 20 | 64QAM | 100 | 0 | 16.31 | 16.36 | 16.23 | | | | | |
| Channel | | | | | | | 20825 | 21100 | 21375 | | |
| Frequency (MHz) | | | | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 16.42 | 16.40 | 16.26 | | | | | |
| 15 | QPSK | 1 | 37 | 16.32 | 16.22 | 16.16 | 18 | 0 | | | |
| 15 | QPSK | 1 | 74 | 16.27 | 16.32 | 16.22 | | | | | |
| 15 | QPSK | 38 | 0 | 16.37 | 16.44 | 16.22 | | | | | |
| 15 | QPSK | 38 | 20 | 16.31 | 16.38 | 16.21 | 18 | 0 | | | |
| 15 | QPSK | 36 | 39 | 16.35 | 16.33 | 16.25 | | | | | |
| 15 | QPSK | 75 | 0 | 16.23 | 16.31 | 16.15 | | | | | |
| 15 | 16QAM | 1 | 0 | 16.32 | 16.41 | 16.17 | | | | | |
| 15 | 16QAM | 1 | 37 | 16.21 | 16.18 | 16.01 | 18 | 0 | | | |
| 15 | 16QAM | 1 | 74 | 16.11 | 16.14 | 16.06 | | | | | |
| 15 | 16QAM | 36 | 0 | 16.23 | 16.26 | 16.18 | | | | | |
| 15 | 16QAM | 36 | 20 | 16.10 | 16.26 | 16.05 | 18 | 0 | | | |
| 15 | 16QAM | 36 | 39 | 16.27 | 16.19 | 16.14 | | | | | |
| 15 | 16QAM | 75 | 0 | 16.15 | 16.24 | 16.05 | | | | | |
| 15 | 64QAM | 1 | 0 | 16.17 | 16.24 | 16.15 | | | | | |
| 15 | 64QAM | 1 | 37 | 16.24 | 16.12 | 16.03 | 18 | 0 | | | |
| 15 | 64QAM | 1 | 74 | 16.22 | 16.18 | 16.06 | | | | | |
| 15 | 64QAM | 36 | 0 | 16.24 | 16.33 | 16.17 | | | | | |
| 15 | 64QAM | 36 | 20 | 16.18 | 16.21 | 16.11 | 18 | 0 | | | |
| 15 | 64QAM | 36 | 39 | 16.22 | 16.18 | 16.20 | | | | | |
| 15 | 64QAM | 75 | 0 | 16.20 | 16.22 | 16.15 | | | | | |
| Channel | | | | | | | 20900 | 21100 | 21400 | | |
| Frequency (MHz) | | | | | | | 25025 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 16.37 | 16.46 | 16.26 | | | | | |
| 10 | QPSK | 1 | 25 | 16.36 | 16.33 | 16.22 | 18 | 0 | | | |
| 10 | QPSK | 1 | 49 | 16.24 | 16.25 | 16.20 | | | | | |
| 10 | QPSK | 25 | 0 | 16.32 | 16.33 | 16.30 | | | | | |
| 10 | QPSK | 25 | 12 | 16.34 | 16.32 | 16.15 | 18 | 0 | | | |
| 10 | QPSK | 25 | 25 | 16.32 | 16.33 | 16.30 | | | | | |
| 10 | QPSK | 50 | 0 | 16.25 | 16.32 | 16.20 | | | | | |
| 10 | 16QAM | 1 | 0 | 16.28 | 16.29 | 16.09 | | | | | |
| 10 | 16QAM | 1 | 25 | 16.15 | 16.26 | 16.05 | 18 | 0 | | | |
| 10 | 16QAM | 1 | 49 | 16.13 | 16.19 | 16.05 | | | | | |
| 10 | 16QAM | 25 | 0 | 16.17 | 16.26 | 16.23 | | | | | |
| 10 | 16QAM | 25 | 12 | 16.12 | 16.30 | 16.04 | 18 | 0 | | | |
| 10 | 16QAM | 25 | 25 | 16.24 | 16.20 | 16.09 | | | | | |
| 10 | 16QAM | 50 | 0 | 16.25 | 16.22 | 16.06 | | | | | |
| 10 | 64QAM | 1 | 0 | 16.18 | 16.26 | 16.18 | | | | | |
| 10 | 64QAM | 1 | 25 | 16.30 | 16.16 | 16.01 | 18 | 0 | | | |
| 10 | 64QAM | 1 | 49 | 16.19 | 16.27 | 16.13 | | | | | |
| 10 | 64QAM | 25 | 0 | 16.18 | 16.29 | 16.14 | | | | | |
| 10 | 64QAM | 25 | 12 | 16.22 | 16.20 | 16.05 | 18 | 0 | | | |
| 10 | 64QAM | 25 | 25 | 16.27 | 16.16 | 16.16 | | | | | |
| 10 | 64QAM | 50 | 0 | 16.23 | 16.25 | 16.09 | | | | | |
| Channel | | | | | | | 20775 | 21100 | 21425 | | |
| Frequency (MHz) | | | | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 16.31 | 16.38 | 16.26 | | | | | |
| 5 | QPSK | 1 | 12 | 16.27 | 16.29 | 16.21 | 18 | 0 | | | |
| 5 | QPSK | 1 | 24 | 16.28 | 16.31 | 16.15 | | | | | |
| 5 | QPSK | 12 | 0 | 16.31 | 16.36 | 16.25 | | | | | |
| 5 | QPSK | 12 | 7 | 16.24 | 16.40 | 16.14 | 18 | 0 | | | |
| 5 | QPSK | 12 | 13 | 16.30 | 16.29 | 16.23 | | | | | |
| 5 | QPSK | 25 | 0 | 16.27 | 16.33 | 16.20 | | | | | |
| 5 | 16QAM | 1 | 0 | 16.30 | 16.39 | 16.15 | | | | | |
| 5 | 16QAM | 1 | 12 | 16.15 | 16.26 | 16.07 | 18 | 0 | | | |
| 5 | 16QAM | 1 | 24 | 16.14 | 16.20 | 16.04 | | | | | |
| 5 | 16QAM | 12 | 0 | 16.26 | 16.17 | 16.22 | | | | | |
| 5 | 16QAM | 12 | 7 | 16.08 | 16.25 | 16.13 | 18 | 0 | | | |
| 5 | 16QAM | 12 | 13 | 16.30 | 16.15 | 16.13 | | | | | |
| 5 | 16QAM | 25 | 0 | 16.22 | 16.20 | 16.14 | | | | | |
| 5 | 64QAM | 1 | 0 | 16.17 | 16.26 | 16.15 | | | | | |
| 5 | 64QAM | 1 | 12 | 16.21 | 16.20 | 16.00 | 18 | 0 | | | |
| 5 | 64QAM | 1 | 24 | 16.22 | 16.24 | 16.10 | | | | | |
| 5 | 64QAM | 12 | 0 | 16.29 | 16.36 | 16.18 | | | | | |
| 5 | 64QAM | 12 | 7 | 16.25 | 16.29 | 16.02 | 18 | 0 | | | |
| 5 | 64QAM | 12 | 13 | 16.25 | 16.22 | 16.16 | | | | | |
| 5 | 64QAM | 25 | 0 | 16.19 | 16.29 | 16.12 | | | | | |

Band 12 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-------|--|--|
| Channel | | | | | | | 704 | 707.5 | 711 | | |
| Frequency (MHz) | | | | | | | 23050 | 23095 | 23130 | | |
| 10 | QPSK | 1 | 0 | 22.52 | 22.57 | 22.56 | | | | | |
| 10 | QPSK | 1 | 25 | 22.28 | 22.45 | 22.32 | 24 | 0 | | | |
| 10 | QPSK | 1 | 49 | 22.44 | 22.50 | 22.43 | | | | | |
| 10 | QPSK | 25 | 0 | 21.45 | 21.56 | 21.40 | | | | | |
| 10 | QPSK | 25 | 12 | 21.50 | 21.54 | 21.38 | 23 | 1 | | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.47 | 21.41 | | | | | |
| 10 | QPSK | 50 | 0 | 21.43 | 21.53 | 21.50 | | | | | |
| 10 | 16QAM | 1 | 0 | 21.26 | 21.42 | 21.33 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.31 | 21.37 | 21.25 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 49 | 21.24 | 21.30 | 21.25 | | | | | |
| 10 | 16QAM | 25 | 0 | 20.33 | 20.47 | 20.30 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.35 | 20.42 | 20.34 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.38 | 20.25 | | | | | |
| 10 | 16QAM | 50 | 0 | 20.46 | 20.50 | 20.44 | | | | | |
| 10 | 64QAM | 1 | 0 | 20.28 | 20.39 | 20.35 | | | | | |
| 10 | 64QAM | 1 | 25 | 20.24 | 20.34 | 20.27 | 22 | 2 | | | |
| 10 | 64QAM | 1 | 49 | 20.25 | 20.28 | 20.19 | | | | | |
| 10 | 64QAM | 25 | 0 | 19.40 | 19.42 | 19.40 | | | | | |
| 10 | 64QAM | 25 | 12 | 19.16 | 19.28 | 19.18 | 21 | 3 | | | |
| 10 | 64QAM | 25 | 25 | 19.21 | 19.38 | 19.35 | | | | | |
| 10 | 64QAM | 50 | 0 | 19.41 | 19.46 | 19.32 | | | | | |
| Channel | | | | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.54 | 22.42 | | | | | |
| 5 | QPSK | 1 | 12 | 22.18 | 22.29 | 22.19 | 24 | 0 | | | |
| 5 | QPSK | 1 | 24 | 22.47 | 22.42 | 22.43 | | | | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.53 | 21.31 | | | | | |
| 5 | QPSK | 12 | 7 | 21.48 | 21.50 | 21.33 | 23 | 1 | | | |
| 5 | QPSK | 12 | 13 | 21.35 | 21.43 | 21.29 | | | | | |
| 5 | QPSK | 25 | 0 | 21.27 | 21.46 | 21.47 | | | | | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.25 | 21.25 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.21 | 21.22 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 24 | 21.20 | 21.24 | 21.13 | | | | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.34 | 20.20 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.20 | 20.33 | 20.26 | 22 | 2 | | | |
| 5 | 16QAM | 12 | 13 | 20.26 | 20.25 | 20.21 | | | | | |
| 5 | 16QAM | 25 | 0 | 20.38 | 20.41 | 20.36 | | | | | |
| 5 | 64QAM | 1 | 0 | 20.22 | 20.35 | 20.27 | | | | | |
| 5 | 64QAM | 1 | 12 | 20.15 | 20.24 | 20.24 | 22 | 2 | | | |
| 5 | 64QAM | 1 | 24 | 20.11 | 20.25 | 20.02 | | | | | |
| 5 | 64QAM | 12 | 0 | 19.27 | 19.30 | 19.25 | | | | | |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.20 | 19.02 | 21 | 3 | | | |
| 5 | 64QAM | 12 | 13 | 19.10 | 19.23 | 19.23 | | | | | |
| 5 | 64QAM | 25 | 0 | 19.30 | 19.32 | 19.15 | | | | | |
| Channel | | | | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.27 | 22.49 | 22.50 | | | | | |
| 3 | QPSK | 1 | 8 | 22.15 | 22.40 | 22.27 | 24 | 0 | | | |
| 3 | QPSK | 1 | 14 | 22.47 | 22.51 | 22.45 | | | | | |
| 3 | QPSK | 8 | 0 | 21.31 | 21.47 | 21.27 | | | | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.50 | 21.27 | 23 | 1 | | | |
| 3 | QPSK | 8 | 7 | 21.36 | 21.38 | 21.32 | | | | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.46 | | | | | | |



| Band 17 Ant1 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.58 | 22.52 | | | |
| 10 | QPSK | 1 | 25 | 22.21 | 22.37 | 22.22 | 24 | 0 | |
| 10 | QPSK | 1 | 49 | 22.37 | 22.51 | 22.45 | | | |
| 10 | QPSK | 25 | 0 | 21.44 | 21.50 | 21.44 | | | |
| 10 | QPSK | 25 | 12 | 21.39 | 21.37 | 21.24 | 23 | 1 | |
| 10 | QPSK | 25 | 25 | 21.32 | 21.45 | 21.33 | | | |
| 10 | QPSK | 50 | 0 | 21.41 | 21.54 | 21.51 | | | |
| 10 | 16QAM | 1 | 0 | 21.39 | 21.53 | 21.44 | | | |
| 10 | 16QAM | 1 | 49 | 21.39 | 21.41 | 21.26 | 23 | 1 | |
| 10 | 16QAM | 1 | 49 | 21.31 | 21.41 | 21.30 | | | |
| 10 | 16QAM | 25 | 0 | 20.45 | 20.48 | 20.33 | | | |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.35 | 20.18 | 22 | 2 | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.42 | 20.35 | | | |
| 10 | 16QAM | 50 | 0 | 20.41 | 20.55 | 20.45 | | | |
| 10 | 64QAM | 1 | 0 | 20.33 | 20.42 | 20.31 | | | |
| 10 | 64QAM | 1 | 25 | 20.31 | 20.34 | 20.31 | 22 | 2 | |
| 10 | 64QAM | 1 | 49 | 20.22 | 20.38 | 20.22 | | | |
| 10 | 64QAM | 25 | 0 | 19.20 | 19.45 | 19.41 | | | |
| 10 | 64QAM | 25 | 12 | 19.31 | 19.36 | 19.29 | 23 | 3 | |
| 10 | 64QAM | 25 | 25 | 19.18 | 19.30 | 19.23 | | | |
| 10 | 64QAM | 50 | 0 | 19.41 | 19.52 | 19.37 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.49 | 22.31 | | | |
| 5 | QPSK | 1 | 12 | 22.06 | 22.33 | 22.06 | 24 | 0 | |
| 5 | QPSK | 1 | 24 | 22.29 | 22.47 | 22.36 | | | |
| 5 | QPSK | 12 | 0 | 21.41 | 21.42 | 21.37 | | | |
| 5 | QPSK | 12 | 7 | 21.15 | 21.29 | 21.08 | 23 | 1 | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.30 | 21.25 | | | |
| 5 | QPSK | 25 | 0 | 21.30 | 21.48 | 21.49 | | | |
| 5 | 16QAM | 1 | 0 | 21.30 | 21.48 | 21.38 | | | |
| 5 | 16QAM | 1 | 12 | 21.29 | 21.26 | 21.23 | 23 | 1 | |
| 5 | 16QAM | 1 | 24 | 21.16 | 21.31 | 21.16 | | | |
| 5 | 16QAM | 12 | 0 | 20.39 | 20.34 | 20.30 | | | |
| 5 | 16QAM | 12 | 7 | 20.13 | 20.27 | 20.07 | 22 | 2 | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.35 | 20.29 | | | |
| 5 | 16QAM | 25 | 0 | 20.31 | 20.48 | 20.36 | | | |
| 5 | 64QAM | 1 | 0 | 20.29 | 20.28 | 20.26 | | | |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.21 | 20.27 | 22 | 2 | |
| 5 | 64QAM | 1 | 24 | 20.18 | 20.27 | 20.13 | | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.42 | 19.32 | | | |
| 5 | 64QAM | 12 | 7 | 19.21 | 19.21 | 19.14 | 21 | 3 | |
| 5 | 64QAM | 12 | 13 | 18.11 | 19.27 | 19.19 | | | |
| 5 | 64QAM | 25 | 0 | 19.23 | 19.42 | 19.20 | | | |

| Band 26 for FCC Ant1 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.51 | 23.55 | 23.51 | | | |
| 15 | QPSK | 1 | 37 | 23.37 | 23.41 | 23.28 | 24 | 0 | |
| 15 | QPSK | 1 | 74 | 23.21 | 23.25 | 23.19 | | | |
| 15 | QPSK | 36 | 0 | 22.24 | 22.38 | 22.31 | | | |
| 15 | QPSK | 36 | 20 | 22.15 | 22.30 | 22.19 | 23 | 1 | |
| 15 | QPSK | 36 | 39 | 22.22 | 22.32 | 22.29 | | | |
| 15 | QPSK | 75 | 0 | 22.36 | 22.41 | 22.24 | | | |
| 15 | 16QAM | 1 | 0 | 22.37 | 22.53 | 22.48 | | | |
| 15 | 16QAM | 1 | 37 | 22.33 | 22.40 | 22.33 | 23 | 1 | |
| 15 | 16QAM | 1 | 74 | 22.43 | 22.47 | 22.40 | | | |
| 15 | 16QAM | 36 | 0 | 21.24 | 21.37 | 21.25 | | | |
| 15 | 16QAM | 36 | 20 | 21.22 | 21.28 | 21.21 | 22 | 2 | |
| 15 | 16QAM | 36 | 39 | 21.22 | 21.30 | 21.22 | | | |
| 15 | 16QAM | 75 | 0 | 21.26 | 21.34 | 21.30 | | | |
| 15 | 64QAM | 1 | 0 | 21.34 | 21.48 | 21.46 | | | |
| 15 | 64QAM | 1 | 37 | 21.29 | 21.38 | 21.23 | 22 | 2 | |
| 15 | 64QAM | 1 | 74 | 21.26 | 21.32 | 21.26 | | | |
| 15 | 64QAM | 36 | 0 | 20.23 | 20.33 | 20.26 | | | |
| 15 | 64QAM | 36 | 20 | 20.13 | 20.27 | 20.22 | 21 | 3 | |
| 15 | 64QAM | 36 | 39 | 20.15 | 20.23 | 20.16 | | | |
| 15 | 64QAM | 75 | 0 | 20.25 | 20.29 | 20.23 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.24 | 23.41 | 23.24 | | | |
| 10 | QPSK | 1 | 25 | 23.35 | 23.35 | 23.23 | 24 | 0 | |
| 10 | QPSK | 1 | 49 | 23.14 | 23.19 | 23.15 | | | |
| 10 | QPSK | 25 | 0 | 22.11 | 22.35 | 22.24 | | | |
| 10 | QPSK | 25 | 12 | 22.06 | 22.21 | 22.12 | 23 | 1 | |
| 10 | QPSK | 25 | 25 | 22.11 | 22.23 | 22.16 | | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.33 | 22.17 | | | |
| 10 | 16QAM | 1 | 0 | 22.22 | 22.42 | 22.46 | | | |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.33 | 22.27 | 23 | 1 | |
| 10 | 16QAM | 1 | 49 | 22.37 | 22.37 | 22.37 | | | |
| 10 | 16QAM | 25 | 0 | 21.20 | 21.28 | 21.10 | | | |
| 10 | 16QAM | 25 | 12 | 21.07 | 21.14 | 21.08 | 22 | 2 | |
| 10 | 16QAM | 25 | 25 | 21.15 | 21.23 | 21.14 | | | |
| 10 | 16QAM | 50 | 0 | 21.20 | 21.26 | 21.20 | | | |
| 10 | 64QAM | 1 | 0 | 21.32 | 21.36 | 21.41 | | | |
| 10 | 64QAM | 1 | 25 | 21.27 | 21.28 | 21.10 | 22 | 2 | |
| 10 | 64QAM | 1 | 49 | 21.19 | 21.16 | 21.23 | | | |
| 10 | 64QAM | 25 | 0 | 20.16 | 20.17 | 20.11 | | | |
| 10 | 64QAM | 25 | 12 | 20.09 | 20.14 | 20.15 | 21 | 3 | |
| 10 | 64QAM | 25 | 25 | 20.06 | 20.16 | 20.07 | | | |
| 10 | 64QAM | 50 | 0 | 20.14 | 20.14 | 20.15 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.32 | 23.31 | 23.18 | | | |
| 5 | QPSK | 1 | 12 | 23.30 | 23.39 | 23.24 | 24 | 0 | |
| 5 | QPSK | 1 | 24 | 23.13 | 23.10 | 23.13 | | | |
| 5 | QPSK | 12 | 0 | 22.09 | 22.27 | 22.24 | | | |
| 5 | QPSK | 12 | 7 | 22.08 | 22.24 | 22.07 | 23 | 1 | |
| 5 | QPSK | 12 | 13 | 22.18 | 22.20 | 22.18 | | | |
| 5 | QPSK | 25 | 0 | 22.27 | 22.34 | 22.10 | | | |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.45 | 22.45 | | | |
| 5 | 16QAM | 1 | 12 | 22.24 | 22.32 | 22.26 | 23 | 1 | |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.43 | 22.32 | | | |
| 5 | 16QAM | 12 | 0 | 21.13 | 21.21 | 21.20 | | | |
| 5 | 16QAM | 12 | 7 | 21.18 | 21.18 | 21.05 | 22 | 2 | |
| 5 | 16QAM | 12 | 13 | 21.07 | 21.15 | 21.10 | | | |
| 5 | 16QAM | 25 | 0 | 21.18 | 21.26 | 21.23 | | | |
| 5 | 64QAM | 1 | 0 | 21.31 | 21.46 | 21.29 | 22 | 2 | |
| 5 | 64QAM | 1 | 12 | 21.22 | 21.34 | 21.09 | | | |
| 5 | 64QAM | 1 | 24 | 21.11 | 21.22 | 21.16 | | | |
| 5 | 64QAM | 12 | 0 | 20.18 | 20.23 | 20.23 | | | |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.25 | 20.14 | 21 | 3 | |
| 5 | 64QAM | 12 | 13 | 20.06 | 20.12 | 20.14 | | | |
| 5 | 64QAM | 25 | 0 | 20.08 | 20.24 | 20.17 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.29 | 23.41 | 23.18 | | | |
| 3 | QPSK | 1 | 8 | 23.26 | 23.24 | 23.18 | 24 | 0 | |
| 3 | QPSK | 1 | 14 | 23.13 | 23.09 | 23.13 | | | |
| 3 | QPSK | 8 | 0 | 22.18 | 22.34 | 22.21 | | | |
| 3 | QPSK | 8 | 4 | 22.03 | 22.23 | 22.13 | 23 | 1 | |
| 3 | QPSK | 8 | 7 | 22.10 | 22.16 | 22.17 | | | |
| 3 | QPSK | 15 | 0 | 22.32 | 22.25 | 22.16 | | | |
| 3 | 16QAM | 1 | 0 | 22.30 | 22.42 | 22.37 | | | |
| 3 | 16QAM | 1 | 8 | 22.31 | 22.33 | 22.21 | 23 | 1 | |
| 3 | 16QAM | 1 | 14 | 22.35 | 22.42 | 22.38 | | | |
| 3 | 16QAM | 8 | 0 | 21.13 | 21.34 | 21.21 | | | |
| 3 | 16QAM | 8 | 4 | 21.17 | 21.21 | 21.07 | 22 | 2 | |
| 3 | 16QAM | 8 | 7 | 21.12 | 21.16 | 21.11 | | | |
| 3 | 16QAM | 15 | 0 | 21.17 | 21.24 | 21.22 | | | |
| 3 | 64QAM | 1 | 0 | 21.30 | 21.46 | 21.34 | | | |
| 3 | 64QAM | 1 | 8 | 21.26 | 21.23 | 21.14 | 22 | 2 | |
| 3 | 64QAM | 1 | 14 | 21.12 | 21.18 | 21.18 | | | |
| 3 | 64QAM | 8 | 0 | 20.06 | 20.29 | 20.19 | | | |
| 3 | 64QAM | 8 | 4 | 20.06 | 20.14 | 20.16 | 21 | 3 | |
| 3 | 64QAM | 8 | 7 | 20.04 | 20.19 | 20.08 | | | |
| 3 | 64QAM | 15 | 0 | 20.12 | 20.21 | 20.10 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.33 | 23.43 | 23.14 | | | |
| 1.4 | QPSK | 1 | 3 | 23.31 | 23.33 | 23.17 | 24 | 0 | |
| 1.4 | QPSK | 1 | 5 | 23.14 | 23.16 | 23.11 | | | |
| 1.4 | QPSK | 3 | 0 | 23.16 | 23.35 | 23.28 | | | |
| 1.4 | QPSK | 3 | 1 | 23.11 | 23.28 | 23.05 | 23 | 1 | |
| 1.4 | QPSK | 3 | 2 | 23.10 | 23.24 | 23.15 | | | |
| 1.4 | QPSK | 6 | 0 | 22.32 | | | | | |



| Band 38 Ant1 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 18.77 | 18.09 | 18.69 | 20 | 0 | | |
| 20 | QPSK | 1 | 49 | 18.69 | 18.86 | 18.84 | | | | |
| 20 | QPSK | 1 | 99 | 18.70 | 18.92 | 18.82 | 20 | 0 | | |
| 20 | QPSK | 50 | 0 | 18.59 | 18.76 | 18.56 | | | | |
| 20 | QPSK | 50 | 24 | 18.39 | 18.64 | 18.46 | 20 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.29 | 18.58 | 18.47 | | | | |
| 20 | QPSK | 100 | 0 | 18.29 | 18.52 | 18.44 | 20 | 0 | | |
| 20 | 16QAM | 1 | 0 | 18.57 | 18.88 | 18.62 | | | | |
| 20 | 16QAM | 1 | 49 | 18.52 | 18.63 | 18.66 | 20 | 0 | | |
| 20 | 16QAM | 1 | 99 | 18.67 | 18.88 | 18.75 | | | | |
| 20 | 16QAM | 50 | 0 | 18.42 | 18.52 | 18.44 | 20 | 0 | | |
| 20 | 16QAM | 50 | 24 | 18.26 | 18.51 | 18.44 | | | | |
| 20 | 16QAM | 50 | 50 | 18.30 | 18.54 | 18.39 | 20 | 0 | | |
| 20 | 16QAM | 100 | 0 | 18.26 | 18.30 | 18.41 | | | | |
| 20 | 64QAM | 1 | 0 | 19.03 | 19.01 | 18.97 | 20 | 0 | | |
| 20 | 64QAM | 1 | 49 | 18.71 | 18.94 | 18.86 | | | | |
| 20 | 64QAM | 1 | 99 | 18.94 | 18.96 | 18.91 | 20 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.92 | 18.97 | 18.98 | | | | |
| 20 | 64QAM | 50 | 24 | 18.83 | 18.98 | 18.96 | 20 | 0 | | |
| 20 | 64QAM | 50 | 50 | 18.90 | 18.94 | 18.93 | | | | |
| 20 | 64QAM | 100 | 0 | 18.90 | 19.02 | 18.85 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 18.70 | 19.01 | 18.61 | 20 | 0 | | |
| 15 | QPSK | 1 | 37 | 18.65 | 18.82 | 18.77 | | | | |
| 15 | QPSK | 1 | 74 | 18.62 | 18.89 | 18.74 | 20 | 0 | | |
| 15 | QPSK | 36 | 0 | 18.53 | 18.74 | 18.60 | | | | |
| 15 | QPSK | 36 | 20 | 18.34 | 18.54 | 18.37 | 20 | 0 | | |
| 15 | QPSK | 36 | 39 | 18.30 | 18.73 | 18.47 | | | | |
| 15 | QPSK | 75 | 0 | 18.23 | 18.45 | 18.40 | 20 | 0 | | |
| 15 | 16QAM | 1 | 0 | 18.53 | 18.84 | 18.53 | | | | |
| 15 | 16QAM | 1 | 37 | 18.49 | 18.54 | 18.57 | 20 | 0 | | |
| 15 | 16QAM | 1 | 74 | 18.65 | 18.81 | 18.69 | | | | |
| 15 | 16QAM | 36 | 0 | 18.37 | 18.46 | 18.39 | 20 | 0 | | |
| 15 | 16QAM | 36 | 20 | 18.17 | 18.48 | 18.41 | | | | |
| 15 | 16QAM | 36 | 39 | 18.23 | 18.54 | 18.43 | 20 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.17 | 18.27 | 18.32 | | | | |
| 15 | 64QAM | 1 | 0 | 19.00 | 18.96 | 18.91 | 20 | 0 | | |
| 15 | 64QAM | 1 | 37 | 18.64 | 18.85 | 18.78 | | | | |
| 15 | 64QAM | 1 | 74 | 18.91 | 18.89 | 18.88 | 20 | 0 | | |
| 15 | 64QAM | 36 | 0 | 18.63 | 18.91 | 18.90 | | | | |
| 15 | 64QAM | 36 | 20 | 18.75 | 18.94 | 18.82 | 20 | 0 | | |
| 15 | 64QAM | 36 | 39 | 18.81 | 18.91 | 18.73 | | | | |
| 15 | 64QAM | 75 | 0 | 18.82 | 18.97 | 18.77 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 18.68 | 19.03 | 18.62 | 20 | 0 | | |
| 10 | QPSK | 1 | 25 | 18.65 | 18.79 | 18.60 | | | | |
| 10 | QPSK | 1 | 49 | 18.66 | 18.86 | 18.78 | 20 | 0 | | |
| 10 | QPSK | 25 | 0 | 18.52 | 18.68 | 18.47 | | | | |
| 10 | QPSK | 25 | 12 | 18.31 | 18.58 | 18.39 | 20 | 0 | | |
| 10 | QPSK | 25 | 25 | 18.35 | 18.72 | 18.47 | | | | |
| 10 | QPSK | 50 | 0 | 18.27 | 18.49 | 18.37 | 20 | 0 | | |
| 10 | 16QAM | 1 | 0 | 18.55 | 18.78 | 18.58 | | | | |
| 10 | 16QAM | 1 | 25 | 18.48 | 18.54 | 18.56 | 20 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.63 | 18.79 | 18.65 | | | | |
| 10 | 16QAM | 25 | 0 | 18.37 | 18.47 | 18.36 | 20 | 0 | | |
| 10 | 16QAM | 25 | 12 | 18.21 | 18.45 | 18.34 | | | | |
| 10 | 16QAM | 25 | 25 | 18.23 | 18.52 | 18.44 | 20 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.16 | 18.27 | 18.31 | | | | |
| 10 | 64QAM | 1 | 0 | 18.96 | 18.95 | 18.90 | 20 | 0 | | |
| 10 | 64QAM | 1 | 25 | 18.62 | 18.89 | 18.76 | | | | |
| 10 | 64QAM | 1 | 49 | 18.91 | 18.90 | 18.84 | 20 | 0 | | |
| 10 | 64QAM | 25 | 0 | 18.88 | 18.93 | 18.89 | | | | |
| 10 | 64QAM | 25 | 12 | 18.79 | 18.91 | 18.77 | 20 | 0 | | |
| 10 | 64QAM | 25 | 25 | 18.85 | 18.91 | 18.70 | | | | |
| 10 | 64QAM | 50 | 0 | 18.85 | 18.95 | 18.81 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 18.74 | 19.06 | 18.64 | 20 | 0 | | |
| 5 | QPSK | 1 | 12 | 18.66 | 18.82 | 18.81 | | | | |
| 5 | QPSK | 1 | 24 | 18.64 | 18.82 | 18.79 | 20 | 0 | | |
| 5 | QPSK | 12 | 0 | 18.50 | 18.71 | 18.50 | | | | |
| 5 | QPSK | 12 | 7 | 18.31 | 18.62 | 18.36 | 20 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.31 | 18.69 | 18.46 | | | | |
| 5 | QPSK | 25 | 0 | 18.24 | 18.46 | 18.36 | 20 | 0 | | |
| 5 | 16QAM | 1 | 0 | 18.47 | 18.86 | 18.52 | | | | |
| 5 | 16QAM | 1 | 12 | 18.49 | 18.58 | 18.63 | 20 | 0 | | |
| 5 | 16QAM | 1 | 24 | 18.62 | 18.82 | 18.67 | | | | |
| 5 | 16QAM | 12 | 0 | 18.40 | 18.48 | 18.38 | 20 | 0 | | |
| 5 | 16QAM | 12 | 7 | 18.23 | 18.41 | 18.40 | | | | |
| 5 | 16QAM | 12 | 13 | 18.25 | 18.53 | 18.38 | 20 | 0 | | |
| 5 | 16QAM | 25 | 0 | 18.21 | 18.20 | 18.32 | | | | |
| 5 | 64QAM | 1 | 0 | 19.97 | 19.95 | 19.90 | 20 | 0 | | |
| 5 | 64QAM | 1 | 12 | 18.68 | 18.86 | 18.79 | | | | |
| 5 | 64QAM | 1 | 24 | 18.90 | 18.91 | 18.83 | 20 | 0 | | |
| 5 | 64QAM | 12 | 0 | 18.89 | 18.88 | 18.94 | | | | |
| 5 | 64QAM | 12 | 7 | 18.74 | 18.95 | 18.80 | 20 | 0 | | |
| 5 | 64QAM | 12 | 13 | 18.84 | 18.87 | 18.76 | | | | |
| 5 | 64QAM | 25 | 0 | 18.84 | 18.97 | 18.79 | | | | |

| Band 41 Ant1 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 17.16 | 16.94 | 17.26 | 18 | 0 | | |
| 20 | QPSK | 1 | 49 | 17.18 | 16.89 | 17.20 | | | | |
| 20 | QPSK | 1 | 99 | 17.09 | 16.94 | 17.06 | 18 | 0 | | |
| 20 | QPSK | 50 | 0 | 17.05 | 16.81 | 17.15 | | | | |
| 20 | QPSK | 50 | 24 | 16.95 | 16.91 | 17.00 | 18 | 0 | | |
| 20 | QPSK | 50 | 50 | 17.07 | 16.80 | 16.87 | | | | |
| 20 | QPSK | 100 | 0 | 17.03 | 16.74 | 17.09 | 18 | 0 | | |
| 20 | 16QAM | 1 | 0 | 17.03 | 16.77 | 17.09 | | | | |
| 20 | 16QAM | 1 | 49 | 17.09 | 16.86 | 17.05 | 18 | 0 | | |
| 20 | 16QAM | 1 | 99 | 17.01 | 16.77 | 17.00 | | | | |
| 20 | 16QAM | 50 | 0 | 16.75 | 16.66 | 17.03 | 18 | 0 | | |
| 20 | 16QAM | 50 | 24 | 16.98 | 16.76 | 16.80 | | | | |
| 20 | 16QAM | 50 | 50 | 16.88 | 16.70 | 16.70 | 18 | 0 | | |
| 20 | 16QAM | 100 | 0 | 16.91 | 16.67 | 17.03 | | | | |
| 20 | 64QAM | 1 | 0 | 17.07 | 16.84 | 17.02 | 18 | 0 | | |
| 20 | 64QAM | 1 | 49 | 16.97 | 16.70 | 17.07 | | | | |
| 20 | 64QAM | 1 | 99 | 16.86 | 16.78 | 16.78 | 18 | 0 | | |
| 20 | 64QAM | 50 | 0 | 17.16 | 17.13 | 17.14 | | | | |
| 20 | 64QAM | 50 | 24 | 17.21 | 17.01 | 17.18 | 18 | 0 | | |
| 20 | 64QAM | 50 | 50 | 17.03 | 16.84 | 17.23 | | | | |
| 20 | 64QAM | 100 | 0 | 17.21 | 17.12 | 17.13 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 17.07 | 16.89 | 17.17 | 18 | 0 | | |
| 15 | QPSK | 1 | 37 | 17.12 | 16.80 | 17.16 | | | | |
| 15 | QPSK | 1 | 74 | 17.04 | 16.85 | 17.03 | 18 | 0 | | |
| 15 | QPSK | 36 | 0 | 16.99 | 16.84 | 16.99 | | | | |
| 15 | QPSK | 36 | 20 | 16.89 | 16.88 | 16.93 | 18 | 0 | | |
| 15 | QPSK | 36 | 39 | 17.03 | 16.76 | 16.84 | | | | |
| 15 | QPSK | 75 | 0 | 16.95 | 16.72 | 17.00 | 18 | 0 | | |
| 15 | 16QAM | 1 | 0 | 16.96 | 16.74 | 17.07 | | | | |
| 15 | 16QAM | 1 | 37 | 17.03 | 16.78 | 17.00 | 18 | 0 | | |
| 15 | 16QAM | 1 | 74 | 16.94 | 16.73 | 16.95 | | | | |
| 15 | 16QAM | 36 | 0 | 16.92 | 16.84 | 16.99 | 18 | 0 | | |
| 15 | 16QAM | 36 | 20 | 16.89 | 16.70 | 16.71 | | | | |
| 15 | 16QAM | 36 | 39 | 16.79 | 16.64 | 16.64 | 18 | 0 | | |
| 15 | 16QAM | 75 | 0 | 16.86 | 16.61 | 16.97 | | | | |
| 15 | 64QAM | 1 | 0 | 17.03 | 16.78 | 16.94 | 18 | 0 | | |
| 15 | 64QAM | 1 | 37 | 16.93 | 16.62 | 17.02 | | | | |
| 15 | 64QAM | 1 | 74 | 16.77 | 16.71 | 16.74 | 18 | 0 | | |
| 15 | 64QAM | 36 | 0 | 17.12 | 17.11 | 17.05 | | | | |
| 15 | 64QAM | 36 | 20 | 17.12 | 16.93 | 17.09 | 18 | 0 | | |
| 15 | 64QAM | 36 | 39 | 17.01 | 17.08 | 17.10 | | | | |
| 15 | 64QAM | 75 | 0 | 17.14 | 17.06 | 17.10 | | | | |
| Channel | | | | 39700 | 40160 | 40620 | | | | |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | | | | |
| 10 | QPSK | | | | | | | | | |



Part27Q Band 42 Ant2 DSI 3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 15.98 | 16.06 | 16.01 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.91 | 15.94 | 15.95 | | |
| 20 | QPSK | 1 | 99 | 15.89 | 15.92 | 15.94 | | |
| 20 | QPSK | 50 | 0 | 15.87 | 16.02 | 15.86 | | |
| 20 | QPSK | 50 | 24 | 15.82 | 15.97 | 15.94 | | |
| 20 | QPSK | 50 | 50 | 15.91 | 15.85 | 15.92 | | |
| 20 | QPSK | 100 | 0 | 15.71 | 15.93 | 15.84 | | |
| 20 | 16QAM | 1 | 0 | 15.91 | 16.00 | 15.86 | | |
| 20 | 16QAM | 1 | 49 | 15.82 | 15.79 | 15.84 | | |
| 20 | 16QAM | 1 | 99 | 15.80 | 15.79 | 15.88 | | |
| 20 | 16QAM | 50 | 0 | 15.79 | 15.90 | 15.95 | 17 | 0 |
| 20 | 16QAM | 50 | 24 | 15.82 | 15.93 | 15.84 | | |
| 20 | 16QAM | 50 | 50 | 15.91 | 15.85 | 15.92 | | |
| 20 | 16QAM | 100 | 0 | 15.60 | 15.69 | 15.54 | | |
| 20 | 64QAM | 1 | 0 | 15.90 | 15.98 | 15.98 | | |
| 20 | 64QAM | 1 | 49 | 15.81 | 15.82 | 15.83 | | |
| 20 | 64QAM | 1 | 99 | 15.79 | 15.83 | 15.78 | | |
| 20 | 64QAM | 50 | 0 | 15.84 | 15.94 | 15.85 | | |
| 20 | 64QAM | 50 | 24 | 15.86 | 15.82 | 15.89 | | |
| 20 | 64QAM | 50 | 50 | 15.91 | 15.84 | 15.81 | | |
| 20 | 64QAM | 100 | 0 | 15.59 | 15.66 | 15.52 | | |
| Channel | | | | 42165 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 15.95 | 16.03 | 15.91 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.83 | 15.91 | 15.92 | | |
| 15 | QPSK | 1 | 74 | 15.80 | 15.87 | 15.86 | | |
| 15 | QPSK | 36 | 0 | 15.82 | 15.85 | 15.79 | | |
| 15 | QPSK | 36 | 20 | 15.86 | 15.87 | 15.91 | | |
| 15 | QPSK | 36 | 39 | 15.86 | 15.83 | 15.85 | | |
| 15 | QPSK | 75 | 0 | 15.86 | 15.90 | 15.58 | | |
| 15 | 16QAM | 1 | 0 | 15.85 | 15.93 | 15.79 | | |
| 15 | 16QAM | 1 | 37 | 15.78 | 15.74 | 15.77 | | |
| 15 | 16QAM | 1 | 74 | 15.74 | 15.74 | 15.83 | | |
| 15 | 16QAM | 36 | 0 | 15.73 | 15.83 | 15.86 | 17 | 0 |
| 15 | 16QAM | 36 | 20 | 15.76 | 15.83 | 15.74 | | |
| 15 | 16QAM | 36 | 39 | 15.89 | 15.75 | 15.74 | | |
| 15 | 16QAM | 75 | 0 | 15.57 | 15.62 | 15.49 | | |
| 15 | 64QAM | 1 | 0 | 15.81 | 15.92 | 15.96 | | |
| 15 | 64QAM | 1 | 37 | 15.79 | 15.75 | 15.78 | | |
| 15 | 64QAM | 1 | 74 | 15.73 | 15.80 | 15.70 | | |
| 15 | 64QAM | 36 | 0 | 15.78 | 15.80 | 15.82 | | |
| 15 | 64QAM | 36 | 20 | 15.79 | 15.75 | 15.83 | | |
| 15 | 64QAM | 36 | 39 | 15.81 | 15.77 | 15.74 | | |
| 15 | 64QAM | 75 | 0 | 15.66 | 15.58 | 15.47 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 15.91 | 16.00 | 15.95 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.89 | 15.85 | 15.89 | | |
| 10 | QPSK | 1 | 49 | 15.82 | 15.84 | 15.85 | | |
| 10 | QPSK | 25 | 0 | 15.77 | 15.93 | 15.78 | | |
| 10 | QPSK | 25 | 12 | 15.89 | 15.93 | 15.89 | | |
| 10 | QPSK | 25 | 25 | 15.85 | 15.87 | 15.87 | | |
| 10 | QPSK | 50 | 0 | 15.63 | 15.91 | 15.60 | | |
| 10 | 16QAM | 1 | 0 | 15.88 | 15.94 | 15.78 | | |
| 10 | 16QAM | 1 | 25 | 15.78 | 15.73 | 15.76 | | |
| 10 | 16QAM | 1 | 49 | 15.74 | 15.76 | 15.84 | | |
| 10 | 16QAM | 25 | 0 | 15.71 | 15.86 | 15.88 | 17 | 0 |
| 10 | 16QAM | 25 | 12 | 15.76 | 15.90 | 15.77 | | |
| 10 | 16QAM | 25 | 25 | 15.85 | 15.83 | 15.71 | | |
| 10 | 16QAM | 50 | 0 | 15.66 | 15.62 | 15.46 | | |
| 10 | 64QAM | 1 | 0 | 15.82 | 15.90 | 15.93 | | |
| 10 | 64QAM | 1 | 25 | 15.74 | 15.74 | 15.76 | | |
| 10 | 64QAM | 1 | 49 | 15.70 | 15.79 | 15.75 | | |
| 10 | 64QAM | 25 | 0 | 15.76 | 15.85 | 15.78 | | |
| 10 | 64QAM | 25 | 12 | 15.79 | 15.79 | 15.87 | | |
| 10 | 64QAM | 25 | 25 | 15.84 | 15.75 | 15.78 | | |
| 10 | 64QAM | 50 | 0 | 15.55 | 15.60 | 15.46 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 15.94 | 16.03 | 15.94 | 17 | 0 |
| 5 | QPSK | 1 | 12 | 15.89 | 15.89 | 15.88 | | |
| 5 | QPSK | 1 | 24 | 15.84 | 15.89 | 15.91 | | |
| 5 | QPSK | 12 | 0 | 15.82 | 15.98 | 15.79 | | |
| 5 | QPSK | 12 | 7 | 15.84 | 15.94 | 15.84 | | |
| 5 | QPSK | 12 | 13 | 15.90 | 15.85 | 15.83 | | |
| 5 | QPSK | 25 | 0 | 15.68 | 15.83 | 15.56 | | |
| 5 | 16QAM | 1 | 0 | 15.94 | 15.92 | 15.80 | | |
| 5 | 16QAM | 1 | 12 | 15.78 | 15.76 | 15.76 | | |
| 5 | 16QAM | 1 | 24 | 15.73 | 15.70 | 15.86 | | |
| 5 | 16QAM | 12 | 0 | 15.75 | 15.80 | 15.93 | 17 | 0 |
| 5 | 16QAM | 12 | 7 | 15.78 | 15.83 | 15.80 | | |
| 5 | 16QAM | 12 | 13 | 15.87 | 15.77 | 15.70 | | |
| 5 | 16QAM | 25 | 0 | 15.57 | 15.65 | 15.44 | | |
| 5 | 64QAM | 1 | 0 | 15.86 | 15.95 | 15.93 | | |
| 5 | 64QAM | 1 | 12 | 15.77 | 15.72 | 15.79 | | |
| 5 | 64QAM | 1 | 24 | 15.72 | 15.74 | 15.68 | | |
| 5 | 64QAM | 12 | 0 | 15.75 | 15.90 | 15.80 | | |
| 5 | 64QAM | 12 | 7 | 15.82 | 15.73 | 15.80 | | |
| 5 | 64QAM | 12 | 13 | 15.82 | 15.80 | 15.72 | | |
| 5 | 64QAM | 25 | 0 | 15.52 | 15.63 | 15.47 | | |



Reduced Power Mode for DS13 Simultaneous

Table with 10 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Title: Band 2 Ant1 DSI 3 for ENDC.

Table with 10 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Title: Band 4 Ant1 DSI3 for ENDC.

Table with 10 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Title: Band 5 Ant1 for ENDC.



| Band 7 Ant1 DSI 3 for ENDC | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20850 | 21100 | 21350 | | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | | |
| 20 | QPSK | 1 | 0 | 13.48 | 13.66 | 13.81 | | | | |
| 20 | QPSK | 1 | 49 | 13.49 | 13.55 | 13.48 | 15 | 0 | | |
| 20 | QPSK | 1 | 99 | 13.48 | 13.44 | 13.54 | | | | |
| 20 | QPSK | 50 | 0 | 13.43 | 13.62 | 13.56 | | | | |
| 20 | QPSK | 50 | 24 | 13.44 | 13.49 | 13.32 | 15 | 0 | | |
| 20 | QPSK | 50 | 50 | 13.61 | 13.41 | 13.52 | | | | |
| 20 | QPSK | 100 | 0 | 13.52 | 13.53 | 13.36 | | | | |
| 20 | 16QAM | 1 | 0 | 13.50 | 13.43 | 13.38 | | | | |
| 20 | 16QAM | 1 | 49 | 13.24 | 13.43 | 13.20 | 15 | 0 | | |
| 20 | 16QAM | 1 | 99 | 13.31 | 13.40 | 13.25 | | | | |
| 20 | 16QAM | 50 | 0 | 13.30 | 13.40 | 13.42 | | | | |
| 20 | 16QAM | 50 | 24 | 13.25 | 13.40 | 13.31 | 15 | 0 | | |
| 20 | 16QAM | 50 | 50 | 13.56 | 13.42 | 13.24 | | | | |
| 20 | 16QAM | 100 | 0 | 13.38 | 13.34 | 13.29 | | | | |
| 20 | 64QAM | 1 | 0 | 13.58 | 13.44 | 13.44 | | | | |
| 20 | 64QAM | 1 | 49 | 13.50 | 13.30 | 13.25 | 15 | 0 | | |
| 20 | 64QAM | 1 | 99 | 13.35 | 13.38 | 13.39 | | | | |
| 20 | 64QAM | 50 | 0 | 13.48 | 13.64 | 13.45 | | | | |
| 20 | 64QAM | 50 | 24 | 13.39 | 13.32 | 13.38 | 15 | 0 | | |
| 20 | 64QAM | 50 | 50 | 13.45 | 13.28 | 13.51 | | | | |
| 20 | 64QAM | 100 | 0 | 13.52 | 13.34 | 13.30 | | | | |
| Channel | | | | 20925 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | | |
| 15 | QPSK | 1 | 0 | 13.32 | 13.36 | 13.47 | | | | |
| 15 | QPSK | 1 | 37 | 13.28 | 13.28 | 13.34 | 15 | 0 | | |
| 15 | QPSK | 1 | 74 | 13.21 | 13.35 | 13.31 | | | | |
| 15 | QPSK | 36 | 0 | 13.15 | 13.31 | 13.32 | | | | |
| 15 | QPSK | 36 | 20 | 13.28 | 13.20 | 13.07 | 15 | 0 | | |
| 15 | QPSK | 36 | 39 | 13.49 | 13.12 | 13.24 | | | | |
| 15 | QPSK | 75 | 0 | 13.24 | 13.29 | 13.23 | | | | |
| 15 | 16QAM | 1 | 0 | 13.39 | 13.21 | 13.17 | | | | |
| 15 | 16QAM | 1 | 37 | 13.13 | 13.21 | 13.07 | 15 | 0 | | |
| 15 | 16QAM | 1 | 74 | 13.20 | 13.29 | 13.09 | | | | |
| 15 | 16QAM | 36 | 0 | 13.10 | 13.22 | 13.32 | | | | |
| 15 | 16QAM | 36 | 20 | 13.07 | 13.18 | 13.06 | 15 | 0 | | |
| 15 | 16QAM | 36 | 39 | 13.34 | 13.14 | 13.10 | | | | |
| 15 | 16QAM | 75 | 0 | 13.18 | 13.24 | 13.01 | | | | |
| 15 | 64QAM | 1 | 0 | 13.27 | 13.23 | 13.29 | | | | |
| 15 | 64QAM | 1 | 37 | 13.25 | 13.02 | 13.07 | 15 | 0 | | |
| 15 | 64QAM | 1 | 74 | 13.16 | 13.29 | 13.08 | | | | |
| 15 | 64QAM | 36 | 0 | 13.26 | 13.36 | 13.17 | | | | |
| 15 | 64QAM | 36 | 20 | 13.08 | 13.06 | 13.15 | 15 | 0 | | |
| 15 | 64QAM | 36 | 39 | 13.34 | 13.11 | 13.35 | | | | |
| 15 | 64QAM | 75 | 0 | 13.44 | 13.09 | 13.09 | | | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | | |
| 10 | QPSK | 1 | 0 | 13.36 | 13.48 | 13.32 | | | | |
| 10 | QPSK | 1 | 25 | 13.28 | 13.27 | 13.34 | 15 | 0 | | |
| 10 | QPSK | 1 | 49 | 13.38 | 13.29 | 13.41 | | | | |
| 10 | QPSK | 25 | 0 | 13.18 | 13.30 | 13.42 | | | | |
| 10 | QPSK | 25 | 12 | 13.27 | 13.25 | 13.06 | 15 | 0 | | |
| 10 | QPSK | 25 | 25 | 13.44 | 13.12 | 13.39 | | | | |
| 10 | QPSK | 50 | 0 | 13.32 | 13.40 | 13.27 | | | | |
| 10 | 16QAM | 1 | 0 | 13.41 | 13.32 | 13.19 | | | | |
| 10 | 16QAM | 1 | 25 | 13.11 | 13.31 | 13.03 | 15 | 0 | | |
| 10 | 16QAM | 1 | 49 | 13.08 | 13.14 | 13.04 | | | | |
| 10 | 16QAM | 25 | 0 | 13.07 | 13.31 | 13.22 | | | | |
| 10 | 16QAM | 25 | 12 | 13.04 | 13.10 | 13.06 | 15 | 0 | | |
| 10 | 16QAM | 25 | 25 | 13.30 | 13.17 | 13.09 | | | | |
| 10 | 16QAM | 50 | 0 | 13.19 | 13.09 | 13.09 | | | | |
| 10 | 64QAM | 1 | 0 | 13.43 | 13.34 | 13.21 | | | | |
| 10 | 64QAM | 1 | 25 | 13.29 | 13.22 | 13.03 | 15 | 0 | | |
| 10 | 64QAM | 1 | 49 | 13.22 | 13.16 | 13.16 | | | | |
| 10 | 64QAM | 25 | 0 | 13.29 | 13.33 | 13.01 | | | | |
| 10 | 64QAM | 25 | 12 | 13.30 | 13.09 | 13.00 | 15 | 0 | | |
| 10 | 64QAM | 25 | 25 | 13.17 | 13.16 | 13.36 | | | | |
| 10 | 64QAM | 50 | 0 | 13.41 | 13.11 | 13.02 | | | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | | | |
| 5 | QPSK | 1 | 0 | 13.18 | 13.55 | 13.50 | | | | |
| 5 | QPSK | 1 | 12 | 13.22 | 13.45 | 13.26 | 15 | 0 | | |
| 5 | QPSK | 1 | 24 | 13.38 | 13.28 | 13.41 | | | | |
| 5 | QPSK | 12 | 0 | 13.12 | 13.53 | 13.27 | | | | |
| 5 | QPSK | 12 | 7 | 13.24 | 13.38 | 13.11 | 15 | 0 | | |
| 5 | QPSK | 12 | 13 | 13.42 | 13.14 | 13.39 | | | | |
| 5 | QPSK | 25 | 0 | 13.24 | 13.34 | 13.22 | | | | |
| 5 | 16QAM | 1 | 0 | 13.40 | 13.24 | 13.27 | | | | |
| 5 | 16QAM | 1 | 12 | 13.06 | 13.32 | 13.09 | 15 | 0 | | |
| 5 | 16QAM | 1 | 24 | 13.06 | 13.17 | 13.17 | | | | |
| 5 | 16QAM | 12 | 0 | 13.03 | 13.14 | 13.31 | | | | |
| 5 | 16QAM | 12 | 7 | 13.15 | 13.28 | 13.05 | 15 | 0 | | |
| 5 | 16QAM | 12 | 13 | 13.40 | 13.33 | 13.01 | | | | |
| 5 | 16QAM | 25 | 0 | 13.26 | 13.22 | 13.09 | | | | |
| 5 | 64QAM | 1 | 0 | 13.31 | 13.22 | 13.36 | | | | |
| 5 | 64QAM | 1 | 12 | 13.30 | 13.15 | 13.14 | 15 | 0 | | |
| 5 | 64QAM | 1 | 24 | 13.10 | 13.27 | 13.07 | | | | |
| 5 | 64QAM | 12 | 0 | 13.20 | 13.32 | 13.26 | | | | |
| 5 | 64QAM | 12 | 7 | 13.09 | 13.17 | 13.19 | 15 | 0 | | |
| 5 | 64QAM | 12 | 13 | 13.36 | 13.12 | 13.25 | | | | |
| 5 | 64QAM | 25 | 0 | 13.21 | 13.07 | 13.11 | | | | |

| Band 12 Ant1 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 23080 | 23095 | 23130 | | | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | | | |
| 10 | QPSK | 1 | 0 | 22.52 | 22.57 | 22.56 | | | | |
| 10 | QPSK | 1 | 25 | 22.28 | 22.45 | 22.32 | 24 | 0 | | |
| 10 | QPSK | 1 | 49 | 22.44 | 22.50 | 22.43 | | | | |
| 10 | QPSK | 25 | 0 | 21.45 | 21.56 | 21.40 | | | | |
| 10 | QPSK | 25 | 12 | 21.50 | 21.54 | 21.38 | 23 | 1 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.47 | 21.41 | | | | |
| 10 | QPSK | 50 | 0 | 21.43 | 21.53 | 21.50 | | | | |
| 10 | 16QAM | 1 | 0 | 21.26 | 21.42 | 21.33 | | | | |
| 10 | 16QAM | 1 | 25 | 21.31 | 21.37 | 21.25 | 23 | 1 | | |
| 10 | 16QAM | 1 | 49 | 21.24 | 21.30 | 21.26 | | | | |
| 10 | 16QAM | 25 | 0 | 20.33 | 20.47 | 20.30 | | | | |
| 10 | 16QAM | 25 | 12 | 20.35 | 20.42 | 20.34 | 22 | 2 | | |
| 10 | 16QAM | 25 | 25 | 20.28 | 20.38 | 20.25 | | | | |
| 10 | 16QAM | 50 | 0 | 20.46 | 20.50 | 20.44 | | | | |
| 10 | 64QAM | 1 | 0 | 20.28 | 20.39 | 20.35 | | | | |
| 10 | 64QAM | 1 | 25 | 20.24 | 20.34 | 20.27 | 22 | 2 | | |
| 10 | 64QAM | 1 | 49 | 20.25 | 20.28 | 20.19 | | | | |
| 10 | 64QAM | 25 | 0 | 19.40 | 19.42 | 19.40 | | | | |
| 10 | 64QAM | 25 | 12 | 19.16 | 19.28 | 19.18 | 21 | 3 | | |
| 10 | 64QAM | 25 | 25 | 19.13 | 19.36 | 19.35 | | | | |
| 10 | 64QAM | 50 | 0 | 19.41 | 19.48 | 19.35 | | | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.54 | 22.42 | | | | |
| 5 | QPSK | 1 | 12 | 22.18 | 22.29 | 22.19 | 24 | 0 | | |
| 5 | QPSK | 1 | 24 | 22.47 | 22.42 | 22.43 | | | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.53 | 21.31 | | | | |
| 5 | QPSK | 12 | 7 | 21.48 | 21.50 | 21.33 | 23 | 1 | | |
| 5 | QPSK | 12 | 13 | 21.35 | 21.43 | 21.29 | | | | |
| 5 | QPSK | 25 | 0 | 21.27 | 21.46 | 21.47 | | | | |
| 5 | 16QAM | 1 | 0 | 21.14 | 21.25 | 21.25 | | | | |
| 5 | 16QAM | 1 | 12 | 21.14 | 21.21 | 21.22 | 23 | 1 | | |
| 5 | 16QAM | 1 | 24 | 21.20 | 21.24 | 21.13 | | | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.34 | 20.20 | | | | |
| 5 | 16QAM | 12 | 7 | 20.20 | 20.33 | 20.26 | 22 | 2 | | |
| 5 | 16QAM | 12 | 13 | 20.26 | 20.25 | 20.21 | | | | |
| 5 | 16QAM | 25 | 0 | 20.38 | 20.41 | 20.36 | | | | |
| 5 | 16QAM | 25 | 12 | 20.22 | 20.36 | 20.27 | | | | |
| 5 | 16QAM | 25 | 25 | 20.15 | 20.24 | 20.24 | 22 | 2 | | |



| Band 17 Ant1 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| | | | | 23780 | 23790 | 23800 | | | | |
| | | | | 709 | 710 | 711 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.58 | 22.52 | | | | |
| 10 | QPSK | 1 | 25 | 22.21 | 22.37 | 22.22 | 24 | 0 | | |
| 10 | QPSK | 1 | 49 | 22.37 | 22.51 | 22.45 | | | | |
| 10 | QPSK | 25 | 0 | 21.44 | 21.60 | 21.44 | | | | |
| 10 | QPSK | 25 | 12 | 21.30 | 21.37 | 21.24 | | | | |
| 10 | QPSK | 25 | 25 | 21.32 | 21.45 | 21.33 | 23 | 1 | | |
| 10 | QPSK | 50 | 0 | 21.41 | 21.54 | 21.51 | | | | |
| 10 | 16QAM | 1 | 0 | 21.39 | 21.41 | 21.26 | | | | |
| 10 | 16QAM | 1 | 25 | 21.39 | 21.41 | 21.26 | 23 | 1 | | |
| 10 | 16QAM | 1 | 49 | 21.31 | 21.41 | 21.30 | | | | |
| 10 | 16QAM | 25 | 0 | 20.45 | 20.48 | 20.33 | | | | |
| 10 | 16QAM | 25 | 12 | 20.26 | 20.35 | 20.18 | | | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.42 | 20.35 | 22 | 2 | | |
| 10 | 16QAM | 50 | 0 | 20.41 | 20.55 | 20.45 | | | | |
| 10 | 64QAM | 1 | 0 | 20.33 | 20.42 | 20.24 | | | | |
| 10 | 64QAM | 1 | 25 | 20.31 | 20.34 | 20.21 | 22 | 2 | | |
| 10 | 64QAM | 1 | 49 | 20.22 | 20.38 | 20.32 | | | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.45 | 19.41 | | | | |
| 10 | 64QAM | 25 | 12 | 19.31 | 19.36 | 19.29 | 21 | 3 | | |
| 10 | 64QAM | 25 | 25 | 19.18 | 19.30 | 19.23 | | | | |
| 10 | 64QAM | 50 | 0 | 19.41 | 19.52 | 19.37 | | | | |
| Channel | | | | | | | | | | |
| | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) | | |
| | | | | 706.5 | 710 | 713.5 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.16 | 22.49 | 22.31 | | | | |
| 5 | QPSK | 1 | 12 | 22.06 | 22.33 | 22.06 | 24 | 0 | | |
| 5 | QPSK | 1 | 24 | 22.29 | 22.47 | 22.36 | | | | |
| 5 | QPSK | 12 | 0 | 21.41 | 21.42 | 21.37 | | | | |
| 5 | QPSK | 12 | 7 | 21.15 | 21.29 | 21.08 | 23 | 1 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.30 | 21.25 | | | | |
| 5 | QPSK | 25 | 0 | 21.30 | 21.48 | 21.49 | | | | |
| 5 | 16QAM | 1 | 0 | 21.30 | 21.48 | 21.38 | | | | |
| 5 | 16QAM | 1 | 12 | 21.29 | 21.28 | 21.23 | 23 | 1 | | |
| 5 | 16QAM | 1 | 24 | 21.16 | 21.31 | 21.16 | | | | |
| 5 | 16QAM | 12 | 0 | 20.39 | 20.34 | 20.30 | | | | |
| 5 | 16QAM | 12 | 7 | 20.13 | 20.27 | 20.07 | 22 | 2 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.35 | 20.29 | | | | |
| 5 | 16QAM | 25 | 0 | 20.31 | 20.48 | 20.36 | | | | |
| 5 | 64QAM | 1 | 0 | 20.29 | 20.28 | 20.28 | | | | |
| 5 | 64QAM | 1 | 12 | 20.20 | 20.21 | 20.27 | 22 | 2 | | |
| 5 | 64QAM | 1 | 24 | 20.18 | 20.27 | 20.13 | | | | |
| 5 | 64QAM | 12 | 0 | 19.14 | 19.42 | 19.32 | | | | |
| 5 | 64QAM | 12 | 7 | 19.21 | 19.21 | 19.14 | 21 | 3 | | |
| 5 | 64QAM | 12 | 13 | 19.11 | 19.27 | 19.19 | | | | |
| 5 | 64QAM | 25 | 0 | 19.33 | 19.42 | 19.20 | | | | |

| Band 26 for FCC Ant1 for ENDC | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| | | | | 26765 | 26865 | 26965 | | | | |
| | | | | 821.5 | 831.5 | 841.5 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 20.29 | 20.45 | 20.44 | | | | |
| 15 | QPSK | 1 | 37 | 20.29 | 20.31 | 20.12 | 21 | 0 | | |
| 15 | QPSK | 1 | 74 | 20.06 | 20.20 | 20.12 | | | | |
| 15 | QPSK | 36 | 0 | 20.09 | 20.33 | 20.27 | | | | |
| 15 | QPSK | 36 | 20 | 20.07 | 20.21 | 20.10 | 21 | 0 | | |
| 15 | QPSK | 36 | 39 | 20.23 | 20.18 | 20.21 | | | | |
| 15 | QPSK | 75 | 0 | 20.30 | 20.33 | 20.02 | | | | |
| 15 | 16QAM | 1 | 0 | 20.33 | 20.39 | 20.41 | | | | |
| 15 | 16QAM | 1 | 37 | 20.33 | 20.23 | 20.23 | 21 | 0 | | |
| 15 | 16QAM | 1 | 74 | 20.37 | 20.39 | 20.34 | | | | |
| 15 | 16QAM | 36 | 0 | 20.17 | 20.28 | 20.26 | | | | |
| 15 | 16QAM | 36 | 20 | 20.07 | 20.15 | 20.06 | 21 | 0 | | |
| 15 | 16QAM | 36 | 39 | 20.18 | 20.25 | 20.13 | | | | |
| 15 | 16QAM | 75 | 0 | 20.05 | 20.28 | 20.24 | | | | |
| 15 | 64QAM | 1 | 0 | 20.30 | 20.27 | 20.24 | | | | |
| 15 | 64QAM | 1 | 37 | 20.10 | 20.25 | 20.02 | 21 | 0 | | |
| 15 | 64QAM | 1 | 74 | 20.22 | 20.14 | 20.23 | | | | |
| 15 | 64QAM | 36 | 0 | 20.23 | 20.33 | 20.26 | | | | |
| 15 | 64QAM | 36 | 20 | 20.13 | 20.27 | 20.22 | 21 | 0 | | |
| 15 | 64QAM | 36 | 39 | 20.15 | 20.23 | 20.16 | | | | |
| 15 | 64QAM | 75 | 0 | 20.25 | 20.29 | 20.23 | | | | |
| Channel | | | | | | | | | | |
| | | | | 26740 | 26865 | 26960 | Tune-up limit (dBm) | MPR (dB) | | |
| | | | | 819 | 831.5 | 844 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 20.07 | 20.33 | 20.20 | | | | |
| 10 | QPSK | 1 | 25 | 20.16 | 20.23 | 19.92 | 21 | 0 | | |
| 10 | QPSK | 1 | 49 | 19.95 | 19.93 | 20.02 | | | | |
| 10 | QPSK | 25 | 0 | 20.05 | 20.11 | 20.20 | | | | |
| 10 | QPSK | 25 | 12 | 19.86 | 20.10 | 19.83 | 21 | 0 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 19.99 | 20.12 | | | | |
| 10 | QPSK | 50 | 0 | 20.17 | 20.10 | 19.26 | | | | |
| 10 | 16QAM | 1 | 0 | 20.23 | 20.32 | 20.24 | | | | |
| 10 | 16QAM | 1 | 25 | 20.14 | 20.18 | 20.11 | 21 | 0 | | |
| 10 | 16QAM | 1 | 49 | 20.18 | 20.17 | 20.31 | | | | |
| 10 | 16QAM | 25 | 0 | 19.98 | 20.03 | 20.14 | | | | |
| 10 | 16QAM | 25 | 12 | 19.95 | 20.10 | 19.96 | 21 | 0 | | |
| 10 | 16QAM | 25 | 25 | 20.01 | 20.11 | 19.98 | | | | |
| 10 | 16QAM | 50 | 0 | 19.88 | 20.24 | 20.04 | | | | |
| 10 | 64QAM | 1 | 0 | 20.17 | 20.10 | 19.26 | | | | |
| 10 | 64QAM | 1 | 25 | 20.07 | 20.09 | 19.75 | 21 | 0 | | |
| 10 | 64QAM | 1 | 49 | 19.98 | 19.93 | 20.05 | | | | |
| 10 | 64QAM | 25 | 0 | 20.16 | 20.17 | 20.11 | | | | |
| 10 | 64QAM | 25 | 12 | 20.09 | 20.14 | 20.15 | 21 | 0 | | |
| 10 | 64QAM | 25 | 25 | 20.06 | 20.16 | 20.07 | | | | |
| 10 | 64QAM | 50 | 0 | 20.20 | 20.14 | 20.15 | | | | |
| Channel | | | | | | | | | | |
| | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) | | |
| | | | | 816.5 | 831.5 | 846.5 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 20.23 | 20.21 | 20.37 | | | | |
| 5 | QPSK | 1 | 12 | 20.12 | 20.12 | 20.08 | 21 | 0 | | |
| 5 | QPSK | 1 | 24 | 19.94 | 20.08 | 19.89 | | | | |
| 5 | QPSK | 12 | 0 | 19.83 | 20.27 | 20.22 | | | | |
| 5 | QPSK | 12 | 7 | 19.92 | 20.09 | 19.86 | 21 | 0 | | |
| 5 | QPSK | 12 | 13 | 20.05 | 20.08 | 20.17 | | | | |
| 5 | QPSK | 25 | 0 | 20.11 | 20.18 | 19.84 | | | | |
| 5 | 16QAM | 1 | 0 | 20.11 | 20.28 | 20.33 | | | | |
| 5 | 16QAM | 1 | 12 | 20.12 | 20.13 | 20.03 | 21 | 0 | | |
| 5 | 16QAM | 1 | 24 | 20.05 | 20.06 | 20.23 | | | | |
| 5 | 16QAM | 12 | 0 | 20.11 | 20.02 | 20.07 | | | | |
| 5 | 16QAM | 12 | 7 | 19.97 | 20.05 | 19.91 | 21 | 0 | | |
| 5 | 16QAM | 12 | 13 | 20.06 | 19.98 | 19.91 | | | | |
| 5 | 16QAM | 25 | 0 | 19.90 | 20.19 | 20.13 | | | | |
| 5 | 64QAM | 1 | 0 | 20.21 | 20.16 | 20.11 | | | | |
| 5 | 64QAM | 1 | 12 | 19.84 | 20.15 | 19.87 | 21 | 0 | | |
| 5 | 64QAM | 1 | 24 | 20.07 | 20.03 | 20.06 | | | | |
| 5 | 64QAM | 12 | 0 | 20.18 | 20.23 | 20.23 | | | | |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.25 | 20.14 | 21 | 0 | | |
| 5 | 64QAM | 12 | 13 | 20.08 | 20.12 | 20.14 | | | | |
| 5 | 64QAM | 25 | 0 | 20.08 | 20.24 | 20.17 | | | | |
| Channel | | | | | | | | | | |
| | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) | | |
| | | | | 815.5 | 831.5 | 847.5 | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 20.08 | 20.33 | 20.24 | | | | |
| 3 | QPSK | 1 | 8 | 20.25 | 20.09 | 19.93 | 21 | 0 | | |
| 3 | QPSK | 1 | 14 | 19.95 | 20.05 | 19.99 | | | | |
| 3 | QPSK | 8 | 0 | 20.03 | 20.24 | 20.12 | | | | |
| 3 | QPSK | 8 | 4 | 19.94 | 20.15 | 19.92 | 21 | 0 | | |
| 3 | QPSK | 8 | 7 | 20.09 | 20.05 | 20.16 | | | | |
| 3 | QPSK | 15 | 0 | 20.13 | 20.06 | 19.88 | | | | |
| 3 | 16QAM | 1 | 0 | 20.06 | 20.28 | 20.31 | | | | |
| 3 | 16QAM | 1 | 8 | 20.25 | 20.07 | 20.05 | 21 | 0 | | |
| 3 | 16QAM | 1 | 14 | 20.21 | 20.23 | 20.22 | | | | |
| 3 | 16QAM | 8 | 0 | 20.06 | 20.06 | 19.99 | | | | |
| 3 | 16QAM | 8 | 4 | 19.92 | 20.08 | 19.98 | 21 | 0 | | |
| 3 | 16QAM | 8 | 7 | 20.07 | 20.16 | 19.89 | | | | |
| 3 | 16QAM | 15 | 0 | 19.92 | 20.14 | 20.06 | | | | |
| 3 | 64QAM | 1 | | | | | | | | |



| Band 38 Ant1 DSI 3 for ENDC | | | | | | | | | | | |
|-----------------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | | |
| Frequency (MHz) | | | | 2880 | 2595 | 2610 | | | | | |
| 20 | QPSK | 1 | 0 | 16.97 | 17.06 | 16.98 | 18 | 0 | | | |
| 20 | QPSK | 1 | 49 | 16.83 | 16.95 | 16.89 | | | | | |
| 20 | QPSK | 1 | 99 | 16.93 | 16.88 | 16.81 | | | | | |
| 20 | QPSK | 50 | 0 | 16.98 | 17.02 | 16.87 | | | | | |
| 20 | QPSK | 50 | 24 | 16.93 | 16.93 | 16.89 | 18 | 0 | | | |
| 20 | QPSK | 50 | 50 | 16.98 | 16.88 | 16.93 | | | | | |
| 20 | QPSK | 100 | 0 | 16.80 | 16.87 | 16.78 | | | | | |
| 20 | 16QAM | 1 | 0 | 16.98 | 16.90 | 16.90 | 18 | 0 | | | |
| 20 | 16QAM | 1 | 49 | 16.73 | 16.79 | 16.77 | | | | | |
| 20 | 16QAM | 1 | 99 | 16.89 | 16.81 | 16.76 | | | | | |
| 20 | 16QAM | 50 | 0 | 16.80 | 16.95 | 16.87 | | | | | |
| 20 | 16QAM | 50 | 24 | 16.80 | 16.86 | 16.69 | 18 | 0 | | | |
| 20 | 16QAM | 50 | 50 | 16.80 | 16.83 | 16.76 | | | | | |
| 20 | 16QAM | 100 | 0 | 16.67 | 16.68 | 16.84 | | | | | |
| 20 | 64QAM | 1 | 0 | 16.98 | 17.02 | 16.88 | 18 | 0 | | | |
| 20 | 64QAM | 1 | 49 | 16.78 | 16.83 | 16.80 | | | | | |
| 20 | 64QAM | 1 | 99 | 16.88 | 16.78 | 16.82 | | | | | |
| 20 | 64QAM | 50 | 0 | 16.75 | 16.88 | 16.87 | | | | | |
| 20 | 64QAM | 50 | 24 | 16.91 | 16.90 | 16.74 | 18 | 0 | | | |
| 20 | 64QAM | 50 | 50 | 16.81 | 16.85 | 16.82 | | | | | |
| 20 | 64QAM | 100 | 0 | 16.82 | 16.74 | 16.67 | | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | | |
| 15 | QPSK | 1 | 0 | 16.87 | 17.00 | 16.95 | 18 | 0 | | | |
| 15 | QPSK | 1 | 37 | 16.70 | 16.87 | 16.85 | | | | | |
| 15 | QPSK | 1 | 74 | 16.82 | 16.81 | 16.69 | | | | | |
| 15 | QPSK | 36 | 0 | 16.95 | 16.94 | 16.81 | 18 | 0 | | | |
| 15 | QPSK | 36 | 20 | 16.80 | 16.90 | 16.84 | | | | | |
| 15 | QPSK | 36 | 39 | 16.89 | 16.78 | 16.87 | | | | | |
| 15 | QPSK | 75 | 0 | 16.68 | 16.79 | 16.71 | 18 | 0 | | | |
| 15 | 16QAM | 1 | 0 | 16.94 | 16.83 | 16.79 | | | | | |
| 15 | 16QAM | 1 | 37 | 16.65 | 16.66 | 16.66 | | | | | |
| 15 | 16QAM | 1 | 74 | 16.76 | 16.75 | 16.70 | 18 | 0 | | | |
| 15 | 16QAM | 36 | 0 | 16.74 | 16.83 | 16.81 | | | | | |
| 15 | 16QAM | 36 | 20 | 16.66 | 16.78 | 16.59 | | | | | |
| 15 | 16QAM | 36 | 39 | 16.70 | 16.71 | 16.68 | 18 | 0 | | | |
| 15 | 16QAM | 75 | 0 | 16.54 | 16.66 | 16.82 | | | | | |
| 15 | 64QAM | 1 | 0 | 16.90 | 16.93 | 16.85 | | | | | |
| 15 | 64QAM | 1 | 37 | 16.74 | 16.78 | 16.72 | 18 | 0 | | | |
| 15 | 64QAM | 1 | 74 | 16.86 | 16.72 | 16.71 | | | | | |
| 15 | 64QAM | 36 | 0 | 16.68 | 16.74 | 16.81 | 18 | 0 | | | |
| 15 | 64QAM | 36 | 20 | 16.81 | 16.83 | 16.67 | | | | | |
| 15 | 64QAM | 36 | 39 | 16.72 | 16.73 | 16.71 | | | | | |
| 15 | 64QAM | 75 | 0 | 16.78 | 16.84 | 16.84 | | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | | |
| 10 | QPSK | 1 | 0 | 16.89 | 16.98 | 16.92 | 18 | 0 | | | |
| 10 | QPSK | 1 | 25 | 16.73 | 16.91 | 16.87 | | | | | |
| 10 | QPSK | 1 | 49 | 16.83 | 16.77 | 16.77 | | | | | |
| 10 | QPSK | 25 | 0 | 16.86 | 16.95 | 16.80 | 18 | 0 | | | |
| 10 | QPSK | 25 | 12 | 16.79 | 16.80 | 16.83 | | | | | |
| 10 | QPSK | 25 | 25 | 16.94 | 16.84 | 16.82 | | | | | |
| 10 | QPSK | 50 | 0 | 16.88 | 16.84 | 16.67 | 18 | 0 | | | |
| 10 | 16QAM | 1 | 0 | 16.90 | 16.81 | 16.79 | | | | | |
| 10 | 16QAM | 1 | 25 | 16.85 | 16.87 | 16.68 | | | | | |
| 10 | 16QAM | 1 | 49 | 16.83 | 16.79 | 16.68 | 18 | 0 | | | |
| 10 | 16QAM | 25 | 0 | 16.76 | 16.86 | 16.79 | | | | | |
| 10 | 16QAM | 25 | 12 | 16.73 | 16.84 | 16.56 | | | | | |
| 10 | 16QAM | 25 | 25 | 16.70 | 16.75 | 16.67 | 18 | 0 | | | |
| 10 | 16QAM | 50 | 0 | 16.55 | 16.62 | 16.78 | | | | | |
| 10 | 64QAM | 1 | 0 | 16.91 | 16.94 | 16.79 | 18 | 0 | | | |
| 10 | 64QAM | 1 | 25 | 16.76 | 16.74 | 16.77 | | | | | |
| 10 | 64QAM | 1 | 49 | 16.82 | 16.66 | 16.80 | | | | | |
| 10 | 64QAM | 25 | 0 | 16.82 | 16.77 | 16.81 | 18 | 0 | | | |
| 10 | 64QAM | 25 | 12 | 16.88 | 16.87 | 16.63 | | | | | |
| 10 | 64QAM | 25 | 25 | 16.69 | 16.73 | 16.71 | | | | | |
| 10 | 64QAM | 50 | 0 | 16.77 | 16.68 | 16.62 | | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | | |
| 5 | QPSK | 1 | 0 | 16.94 | 17.01 | 16.86 | 18 | 0 | | | |
| 5 | QPSK | 1 | 12 | 16.76 | 16.90 | 16.85 | | | | | |
| 5 | QPSK | 1 | 24 | 16.84 | 16.76 | 16.79 | | | | | |
| 5 | QPSK | 12 | 0 | 16.90 | 16.92 | 16.79 | 18 | 0 | | | |
| 5 | QPSK | 12 | 7 | 16.89 | 16.90 | 16.75 | | | | | |
| 5 | QPSK | 12 | 13 | 16.91 | 16.83 | 16.82 | | | | | |
| 5 | QPSK | 25 | 0 | 16.89 | 16.78 | 16.71 | 18 | 0 | | | |
| 5 | 16QAM | 1 | 0 | 16.87 | 16.80 | 16.80 | | | | | |
| 5 | 16QAM | 1 | 12 | 16.70 | 16.67 | 16.75 | | | | | |
| 5 | 16QAM | 1 | 24 | 16.80 | 16.74 | 16.66 | 18 | 0 | | | |
| 5 | 16QAM | 12 | 0 | 16.67 | 16.92 | 16.75 | | | | | |
| 5 | 16QAM | 12 | 7 | 16.88 | 16.81 | 16.63 | | | | | |
| 5 | 16QAM | 12 | 13 | 16.77 | 16.75 | 16.66 | 18 | 0 | | | |
| 5 | 16QAM | 25 | 0 | 16.60 | 16.58 | 16.72 | | | | | |
| 5 | 64QAM | 1 | 0 | 16.95 | 16.92 | 16.76 | | | | | |
| 5 | 64QAM | 1 | 12 | 16.68 | 16.70 | 16.73 | 18 | 0 | | | |
| 5 | 64QAM | 1 | 24 | 16.82 | 16.74 | 16.70 | | | | | |
| 5 | 64QAM | 12 | 0 | 16.67 | 16.86 | 16.73 | | | | | |
| 5 | 64QAM | 12 | 7 | 16.87 | 16.86 | 16.67 | 18 | 0 | | | |
| 5 | 64QAM | 12 | 13 | 16.72 | 16.72 | 16.73 | | | | | |
| 5 | 64QAM | 25 | 0 | 16.74 | 16.70 | 16.64 | | | | | |

| Band 41 Ant1 DSI 3 for ENDC | | | | | | | | | | | |
|-----------------------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|--|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | | |
| 20 | QPSK | 1 | 0 | 17.15 | 17.08 | 17.26 | 18 | 0 | | | |
| 20 | QPSK | 1 | 49 | 17.05 | 16.96 | 17.07 | | | | | |
| 20 | QPSK | 1 | 99 | 17.13 | 16.96 | 17.13 | | | | | |
| 20 | QPSK | 50 | 0 | 17.08 | 16.92 | 17.13 | 18 | 0 | | | |
| 20 | QPSK | 50 | 24 | 16.95 | 17.00 | 17.04 | | | | | |
| 20 | QPSK | 50 | 50 | 17.09 | 16.99 | 17.11 | | | | | |
| 20 | QPSK | 100 | 0 | 17.08 | 16.99 | 17.11 | 18 | 0 | | | |
| 20 | 16QAM | 1 | 0 | 17.02 | 16.98 | 17.10 | | | | | |
| 20 | 16QAM | 1 | 49 | 16.85 | 16.98 | 16.94 | 18 | 0 | | | |
| 20 | 16QAM | 1 | 99 | 17.04 | 16.85 | 16.96 | | | | | |
| 20 | 16QAM | 50 | 0 | 16.93 | 16.90 | 17.09 | | | | | |
| 20 | 16QAM | 50 | 24 | 16.82 | 16.82 | 17.02 | 18 | 0 | | | |
| 20 | 16QAM | 50 | 50 | 17.07 | 17.03 | 16.79 | | | | | |
| 20 | 16QAM | 100 | 0 | 16.96 | 16.78 | 17.01 | | | | | |
| 20 | 64QAM | 1 | 0 | 17.11 | 16.90 | 17.17 | 18 | 0 | | | |
| 20 | 64QAM | 1 | 49 | 16.84 | 16.88 | 16.93 | | | | | |
| 20 | 64QAM | 1 | 99 | 16.93 | 16.81 | 17.03 | | | | | |
| 20 | 64QAM | 50 | 0 | 16.91 | 16.91 | 17.06 | 18 | 0 | | | |
| 20 | 64QAM | 50 | 24 | 16.91 | 16.90 | 16.97 | | | | | |
| 20 | 64QAM | 50 | 50 | 17.07 | 17.03 | 16.79 | | | | | |
| 20 | 64QAM | 100 | 0 | 16.98 | 16.90 | 17.01 | 18 | 0 | | | |
| 20 | 64QAM | 100 | 0 | 16.98 | 16.90 | 17.01 | | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | | |
| 15 | QPSK | 1 | 0 | 17.12 | 16.99 | 17.09 | 18 | 0 | | | |
| 15 | QPSK | 1 | 37 | 16.93 | 16.84 | 17.04 | | | | | |
| 15 | QPSK | 1 | 74 | 17.11 | 16.83 | 17.03 | | | | | |
| 15 | QPSK | 36 | 0 | 16.96 | 16.83 | 17.03 | 18 | 0 | | | |
| 15 | QPSK | 36 | 20 | 16.83 | 16.89 | 16.98 | | | | | |
| 15 | QPSK | 36 | 39 | 16.99 | 16.87 | 17.03 | | | | | |
| 15 | QPSK | 75 | 0 | 16.98 | 16.87 | 17.05 | 18 | 0 | | | |
| 15 | 16QAM | 1 | 0 | 17.00 | 16.90 | 17.09 | | | | | |
| 15 | 16QAM | 1 | 37 | 16.75 | 16.86 | 16.88 | | | | | |
| 15 | 16QAM | 1 | 74 | 16.97 | 16.79 | 16.94 | 18 | 0 | | | |
| 15 | 16QAM | 36 | 0 | 16.97 | 16.99 | 17.01 | | | | | |
| 15 | 16QAM | 36 | 20 | 16.68 | 16.89 | 16.90 | | | | | |
| 15 | 16QAM | 36 | 39 | 16.99 | 16.87 | 16.98 | 18 | 0 | | | |
| 15 | 16QAM | 75 | 0 | 16.85 | 16.87 | 16.94 | | | | | |
| 15 | 64QAM | 1 | 0 | 16.99 | 16.77 | 17.03 | | | | | |
| 15 | 64QAM | 1 | 37 | 16.81 | 16.81 | 16.87 | 18 | 0 | | | |
| 15 | 64QAM | 1 | 74 | 16.85 | 16.70 | 16.99 | | | | | |
| 15 | 64QAM | 36 | 0 | 16.77 | 16.89 | 16.83 | | | | | |



| Part27Q Band 42 Ant2 DSI 3 for ENDC | | | | | | | | | |
|-------------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 42190 | 42590 | 42990 | | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | | |
| 20 | QPSK | 1 | 0 | 16.05 | 16.06 | 16.02 | 17 | 0 | |
| 20 | QPSK | 1 | 49 | 15.94 | 15.90 | 15.96 | | | |
| 20 | QPSK | 1 | 99 | 15.90 | 15.89 | 15.90 | | | |
| 20 | QPSK | 50 | 0 | 16.00 | 16.03 | 15.99 | | | |
| 20 | QPSK | 50 | 24 | 15.94 | 16.02 | 15.92 | | | |
| 20 | QPSK | 50 | 50 | 15.97 | 15.92 | 15.99 | | | |
| 20 | QPSK | 100 | 0 | 15.77 | 15.80 | 15.83 | | | |
| 20 | 16QAM | 1 | 0 | 15.91 | 15.99 | 15.89 | | | |
| 20 | 16QAM | 1 | 49 | 15.84 | 15.76 | 15.87 | | | |
| 20 | 16QAM | 1 | 99 | 15.76 | 15.80 | 15.87 | | | |
| 20 | 16QAM | 50 | 0 | 15.84 | 15.94 | 16.00 | 17 | 0 | |
| 20 | 16QAM | 50 | 24 | 15.83 | 15.97 | 15.85 | | | |
| 20 | 16QAM | 50 | 50 | 15.94 | 15.83 | 15.96 | | | |
| 20 | 16QAM | 100 | 0 | 15.56 | 15.71 | 15.59 | | | |
| 20 | 64QAM | 1 | 0 | 15.92 | 16.02 | 15.94 | | | |
| 20 | 64QAM | 1 | 49 | 15.82 | 15.84 | 15.86 | | | |
| 20 | 64QAM | 1 | 99 | 15.75 | 15.81 | 15.72 | | | |
| 20 | 64QAM | 50 | 0 | 15.79 | 15.96 | 15.85 | | | |
| 20 | 64QAM | 50 | 24 | 15.88 | 15.87 | 15.89 | | | |
| 20 | 64QAM | 50 | 50 | 15.94 | 15.83 | 15.96 | | | |
| 20 | 64QAM | 100 | 0 | 15.61 | 15.66 | 15.54 | | | |
| Channel | | | | 42165 | 42590 | 43015 | | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | | |
| 15 | QPSK | 1 | 0 | 15.98 | 15.94 | 15.92 | 17 | 0 | |
| 15 | QPSK | 1 | 37 | 15.80 | 15.77 | 15.89 | | | |
| 15 | QPSK | 1 | 74 | 15.81 | 15.83 | 15.84 | | | |
| 15 | QPSK | 36 | 0 | 15.95 | 15.92 | 15.97 | | | |
| 15 | QPSK | 36 | 20 | 15.91 | 15.93 | 15.86 | | | |
| 15 | QPSK | 36 | 39 | 15.85 | 15.81 | 15.84 | | | |
| 15 | QPSK | 75 | 0 | 15.89 | 15.78 | 15.58 | | | |
| 15 | 16QAM | 1 | 0 | 15.79 | 15.96 | 15.81 | | | |
| 15 | 16QAM | 1 | 37 | 15.75 | 15.70 | 15.82 | | | |
| 15 | 16QAM | 1 | 74 | 15.67 | 15.68 | 15.77 | | | |
| 15 | 16QAM | 36 | 0 | 15.73 | 15.80 | 15.95 | 17 | 0 | |
| 15 | 16QAM | 36 | 20 | 15.73 | 15.87 | 15.81 | | | |
| 15 | 16QAM | 36 | 39 | 15.85 | 15.76 | 15.76 | | | |
| 15 | 16QAM | 75 | 0 | 15.50 | 15.67 | 15.45 | | | |
| 15 | 64QAM | 1 | 0 | 15.80 | 15.98 | 15.83 | | | |
| 15 | 64QAM | 1 | 37 | 15.76 | 15.72 | 15.81 | | | |
| 15 | 64QAM | 1 | 74 | 15.65 | 15.78 | 15.68 | | | |
| 15 | 64QAM | 36 | 0 | 15.67 | 15.91 | 15.83 | | | |
| 15 | 64QAM | 36 | 20 | 15.80 | 15.75 | 15.87 | | | |
| 15 | 64QAM | 36 | 39 | 15.83 | 15.75 | 15.83 | | | |
| 15 | 64QAM | 75 | 0 | 15.62 | 15.59 | 15.52 | | | |
| Channel | | | | 42140 | 42590 | 43040 | | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | | |
| 10 | QPSK | 1 | 0 | 15.93 | 16.03 | 15.90 | 17 | 0 | |
| 10 | QPSK | 1 | 25 | 15.89 | 15.88 | 15.85 | | | |
| 10 | QPSK | 1 | 49 | 15.80 | 15.78 | 15.80 | | | |
| 10 | QPSK | 25 | 0 | 15.88 | 15.93 | 15.95 | | | |
| 10 | QPSK | 25 | 12 | 15.91 | 15.92 | 15.84 | | | |
| 10 | QPSK | 25 | 25 | 15.94 | 15.82 | 15.77 | | | |
| 10 | QPSK | 50 | 0 | 15.63 | 15.70 | 15.52 | | | |
| 10 | 16QAM | 1 | 0 | 15.79 | 15.95 | 15.79 | | | |
| 10 | 16QAM | 1 | 25 | 15.77 | 15.96 | 15.78 | | | |
| 10 | 16QAM | 1 | 49 | 15.64 | 15.76 | 15.80 | | | |
| 10 | 16QAM | 25 | 0 | 15.79 | 15.83 | 15.89 | 17 | 0 | |
| 10 | 16QAM | 25 | 12 | 15.77 | 15.90 | 15.82 | | | |
| 10 | 16QAM | 25 | 25 | 15.94 | 15.73 | 15.80 | | | |
| 10 | 16QAM | 50 | 0 | 15.63 | 15.62 | 15.49 | | | |
| 10 | 64QAM | 1 | 0 | 15.89 | 15.96 | 15.84 | | | |
| 10 | 64QAM | 1 | 25 | 15.73 | 15.74 | 15.84 | | | |
| 10 | 64QAM | 1 | 49 | 15.63 | 15.73 | 15.65 | | | |
| 10 | 64QAM | 25 | 0 | 15.70 | 15.84 | 15.73 | | | |
| 10 | 64QAM | 25 | 12 | 15.75 | 15.78 | 15.81 | | | |
| 10 | 64QAM | 25 | 25 | 15.90 | 15.70 | 15.83 | | | |
| 10 | 64QAM | 50 | 0 | 15.53 | 15.58 | 15.40 | | | |
| Channel | | | | 42115 | 42590 | 43065 | | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | | |
| 5 | QPSK | 1 | 0 | 15.92 | 15.93 | 15.96 | 17 | 0 | |
| 5 | QPSK | 1 | 12 | 15.84 | 15.76 | 15.88 | | | |
| 5 | QPSK | 1 | 24 | 15.82 | 15.81 | 15.87 | | | |
| 5 | QPSK | 12 | 0 | 15.93 | 15.91 | 15.96 | | | |
| 5 | QPSK | 12 | 7 | 15.83 | 15.93 | 15.82 | | | |
| 5 | QPSK | 12 | 13 | 15.85 | 15.81 | 15.85 | | | |
| 5 | QPSK | 25 | 0 | 15.64 | 15.68 | 15.81 | | | |
| 5 | 16QAM | 1 | 0 | 15.90 | 15.96 | 15.80 | | | |
| 5 | 16QAM | 1 | 12 | 15.75 | 15.71 | 15.76 | | | |
| 5 | 16QAM | 1 | 24 | 15.73 | 15.76 | 15.78 | | | |
| 5 | 16QAM | 12 | 0 | 15.79 | 15.80 | 15.94 | 17 | 0 | |
| 5 | 16QAM | 12 | 7 | 15.72 | 15.84 | 15.79 | | | |
| 5 | 16QAM | 12 | 13 | 15.94 | 15.78 | 15.75 | | | |
| 5 | 16QAM | 25 | 0 | 15.47 | 15.60 | 15.52 | | | |
| 5 | 64QAM | 1 | 0 | 15.90 | 15.95 | 15.81 | | | |
| 5 | 64QAM | 1 | 12 | 15.76 | 15.79 | 15.81 | | | |
| 5 | 64QAM | 1 | 24 | 15.70 | 15.68 | 15.61 | | | |
| 5 | 64QAM | 12 | 0 | 15.67 | 15.87 | 15.72 | | | |
| 5 | 64QAM | 12 | 7 | 15.82 | 15.74 | 15.86 | | | |
| 5 | 64QAM | 12 | 13 | 15.90 | 15.76 | 15.81 | | | |
| 5 | 64QAM | 25 | 0 | 15.47 | 15.54 | 15.45 | | | |



Reduced Power Mode for DS14

| GSM850 Ant0 Default | | | | | | | | | |
|---------------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|--|
| TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.6 | | 824.2 | 836.4 | 848.6 | | |
| GSM 1 Tx slot | 32.83 | 32.85 | 32.80 | 33.50 | 23.83 | 23.85 | 23.80 | 24.50 | |
| GPRS 1 Tx slots | 32.93 | 32.98 | 32.99 | 33.50 | 23.93 | 23.98 | 23.98 | 24.50 | |
| GPRS 2 Tx slots | 31.33 | 31.38 | 31.55 | 32.50 | 25.33 | 25.38 | 25.55 | 26.50 | |
| GPRS 3 Tx slots | 29.18 | 29.24 | 29.21 | 30.50 | 24.90 | 24.98 | 24.95 | 26.24 | |
| GPRS 4 Tx slots | 27.96 | 28.21 | 28.13 | 29.50 | 24.98 | 25.21 | 25.13 | 26.50 | |
| EDGE 1 Tx slot | 25.89 | 25.98 | 26.05 | 27.00 | 18.89 | 18.98 | 19.05 | 19.00 | |
| EDGE 2 Tx slots | 24.57 | 24.67 | 24.74 | 26.00 | 18.57 | 18.67 | 18.74 | 20.00 | |
| EDGE 3 Tx slots | 22.24 | 22.44 | 22.38 | 23.50 | 17.98 | 18.18 | 18.12 | 19.24 | |
| EDGE 4 Tx slots | 20.82 | 20.98 | 20.94 | 22.00 | 17.82 | 17.98 | 17.94 | 19.00 | |

| GSM1900 Ant0 Default | | | | | | | | | |
|----------------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|--|
| TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | | 1850.2 | 1860 | 1909.8 | | |
| GSM 1 Tx slot | 29.81 | 29.67 | 29.55 | 30.50 | 20.81 | 20.67 | 20.55 | 21.50 | |
| GPRS 1 Tx slot | 29.87 | 29.72 | 29.69 | 30.50 | 20.87 | 20.72 | 20.69 | 21.50 | |
| GPRS 2 Tx slots | 28.92 | 28.72 | 28.66 | 29.50 | 22.92 | 22.72 | 22.66 | 23.50 | |
| GPRS 3 Tx slots | 26.86 | 26.67 | 26.57 | 27.50 | 22.60 | 22.41 | 22.31 | 23.24 | |
| GPRS 4 Tx slots | 25.54 | 25.62 | 25.43 | 26.50 | 22.54 | 22.62 | 22.43 | 23.50 | |
| EDGE 1 Tx slot | 25.04 | 24.97 | 24.86 | 26.00 | 18.04 | 18.97 | 18.86 | 19.00 | |
| EDGE 2 Tx slots | 24.11 | 24.01 | 23.87 | 25.00 | 18.11 | 18.01 | 17.87 | 19.00 | |
| EDGE 3 Tx slots | 22.18 | 22.11 | 22.01 | 23.00 | 17.92 | 17.85 | 17.75 | 18.74 | |
| EDGE 4 Tx slots | 21.19 | 21.14 | 21.03 | 22.00 | 18.19 | 18.14 | 18.03 | 19.00 | |

| Band | WCDMA II Ant0 Default | | | Tune-up Limit (dBm) | WCDMA IV Ant0 Default | | | Tune-up Limit (dBm) | WCDMA V Ant0 Default | | | |
|-------------------------------|-----------------------|-------|--------|---------------------|-----------------------|--------|-------|---------------------|----------------------|-------|-------|-------|
| | 9632 | 9460 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | 9692 | 9690 | 9693 | 1597 | 1638 | 1738 | 4357 | 4407 | 4458 | | | |
| Frequency (MHz) | 1852.4 | 1860 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 826.4 | 836.4 | 846.8 | | | |
| 3GPP Rel 99 AMR 12.2kbps | 23.25 | 23.29 | 23.21 | 25.00 | 23.12 | 23.23 | 23.14 | 25.00 | 23.18 | 23.27 | 23.22 | 25.00 |
| 3GPP Rel 99 RMC 12.2kbps | 23.30 | 23.35 | 23.22 | 25.00 | 23.20 | 23.27 | 23.26 | 25.00 | 23.36 | 23.38 | 23.28 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.18 | 22.37 | 22.34 | 24.00 | 22.07 | 22.36 | 22.18 | 24.00 | 22.22 | 22.54 | 22.11 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.17 | 22.33 | 22.34 | 24.00 | 22.05 | 22.21 | 22.12 | 24.00 | 22.25 | 22.33 | 22.22 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 21.53 | 21.79 | 21.65 | 23.50 | 21.57 | 21.73 | 21.90 | 23.50 | 21.63 | 21.78 | 21.84 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 21.70 | 21.84 | 21.95 | 23.50 | 21.65 | 21.75 | 21.91 | 23.50 | 21.61 | 21.88 | 21.77 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 22.05 | 22.32 | 22.39 | 24.00 | 22.03 | 22.26 | 22.17 | 24.00 | 22.22 | 22.27 | 22.15 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.05 | 22.28 | 22.38 | 24.00 | 22.03 | 22.23 | 22.29 | 24.00 | 22.05 | 22.35 | 22.13 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 21.58 | 21.78 | 21.83 | 23.50 | 21.53 | 21.78 | 21.68 | 23.50 | 21.58 | 21.84 | 21.66 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 21.63 | 21.78 | 21.92 | 23.50 | 21.52 | 21.79 | 21.78 | 23.50 | 21.68 | 21.79 | 21.63 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 22.12 | 22.55 | 22.32 | 24.00 | 22.06 | 22.38 | 22.19 | 24.00 | 22.19 | 22.36 | 22.33 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 20.12 | 20.37 | 20.40 | 22.00 | 20.09 | 20.29 | 20.30 | 22.00 | 20.17 | 20.33 | 20.16 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 21.24 | 21.34 | 21.48 | 23.00 | 21.01 | 21.12 | 21.25 | 23.00 | 21.20 | 21.34 | 21.18 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 20.31 | 20.53 | 20.46 | 22.00 | 20.16 | 20.35 | 20.33 | 22.00 | 20.12 | 20.35 | 20.29 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 22.30 | 22.39 | 22.31 | 24.00 | 22.19 | 22.34 | 22.26 | 24.00 | 22.20 | 22.44 | 22.40 | 24.00 |



Band 2 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18700 | 18900 | 19100 | | |
| 20 | QPSK | 1 | 0 | 22.55 | 22.54 | 22.53 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.46 | 22.53 | 22.55 | | |
| 20 | QPSK | 1 | 99 | 22.34 | 22.47 | 22.43 | | |
| 20 | QPSK | 50 | 0 | 21.63 | 21.74 | 21.61 | | |
| 20 | QPSK | 50 | 24 | 21.52 | 21.63 | 21.57 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 21.52 | 21.55 | 21.47 | | |
| 20 | QPSK | 100 | 0 | 21.41 | 21.58 | 21.43 | | |
| 20 | 16QAM | 1 | 0 | 21.64 | 21.72 | 21.59 | | |
| 20 | 16QAM | 1 | 49 | 21.55 | 21.64 | 21.57 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.60 | 21.66 | 21.60 | | |
| 20 | 16QAM | 50 | 0 | 20.70 | 20.76 | 20.65 | | |
| 20 | 16QAM | 50 | 24 | 20.59 | 20.61 | 20.53 | | |
| 20 | 16QAM | 50 | 50 | 20.48 | 20.64 | 20.48 | 22 | 2 |
| 20 | 16QAM | 100 | 0 | 20.50 | 20.54 | 20.49 | | |
| 20 | 84QAM | 1 | 0 | 20.60 | 20.63 | 20.50 | | |
| 20 | 84QAM | 1 | 49 | 20.44 | 20.56 | 20.51 | 22 | 2 |
| 20 | 84QAM | 1 | 99 | 20.49 | 20.54 | 20.42 | | |
| 20 | 84QAM | 50 | 0 | 19.80 | 19.80 | 19.67 | | |
| 20 | 84QAM | 50 | 24 | 19.87 | 19.72 | 19.70 | | |
| 20 | 84QAM | 50 | 50 | 19.69 | 19.77 | 19.72 | 21 | 3 |
| 20 | 84QAM | 100 | 0 | 19.43 | 19.56 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18675 | 18900 | 19125 | | |
| 15 | QPSK | 1 | 0 | 22.45 | 22.55 | 22.28 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.37 | 22.51 | 22.46 | | |
| 15 | QPSK | 1 | 74 | 22.21 | 22.42 | 22.38 | | |
| 15 | QPSK | 36 | 0 | 21.51 | 21.71 | 21.53 | | |
| 15 | QPSK | 36 | 20 | 21.36 | 21.48 | 21.55 | 23 | 1 |
| 15 | QPSK | 36 | 39 | 21.43 | 21.44 | 21.37 | | |
| 15 | QPSK | 75 | 0 | 21.37 | 21.45 | 21.33 | | |
| 15 | 16QAM | 1 | 0 | 21.60 | 21.68 | 21.48 | | |
| 15 | 16QAM | 1 | 37 | 21.49 | 21.48 | 21.53 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.54 | 21.59 | 21.55 | | |
| 15 | 16QAM | 36 | 0 | 20.62 | 20.63 | 20.52 | | |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.56 | 20.47 | 22 | 2 |
| 15 | 16QAM | 36 | 39 | 20.34 | 20.55 | 20.43 | | |
| 15 | 16QAM | 75 | 0 | 20.35 | 20.47 | 20.42 | | |
| 15 | 84QAM | 1 | 0 | 20.44 | 20.55 | 20.47 | | |
| 15 | 84QAM | 1 | 37 | 20.29 | 20.45 | 20.35 | 22 | 2 |
| 15 | 84QAM | 1 | 74 | 20.42 | 20.48 | 20.39 | | |
| 15 | 84QAM | 36 | 0 | 19.63 | 19.73 | 19.60 | | |
| 15 | 84QAM | 36 | 20 | 19.54 | 19.63 | 19.68 | 21 | 3 |
| 15 | 84QAM | 36 | 39 | 19.58 | 19.58 | 19.52 | | |
| 15 | 84QAM | 75 | 0 | 19.34 | 19.43 | 19.43 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18550 | 18900 | 19150 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.54 | 22.34 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.34 | 22.48 | 22.51 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.44 | 22.36 | | |
| 10 | QPSK | 25 | 0 | 21.51 | 21.66 | 21.50 | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.57 | 21.47 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.39 | 21.46 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.27 | 21.44 | 21.37 | | |
| 10 | 16QAM | 1 | 0 | 21.55 | 21.66 | 21.54 | | |
| 10 | 16QAM | 1 | 25 | 21.50 | 21.48 | 21.45 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.50 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 20.58 | 20.71 | 20.60 | | |
| 10 | 16QAM | 25 | 12 | 20.45 | 20.53 | 20.43 | | |
| 10 | 16QAM | 25 | 25 | 20.45 | 20.59 | 20.45 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.42 | 20.43 | 20.42 | | |
| 10 | 84QAM | 1 | 0 | 20.55 | 20.52 | 20.44 | 22 | 2 |
| 10 | 84QAM | 1 | 25 | 20.29 | 20.41 | 20.41 | | |
| 10 | 84QAM | 1 | 49 | 20.44 | 20.49 | 20.30 | | |
| 10 | 84QAM | 25 | 0 | 19.65 | 19.64 | 19.52 | | |
| 10 | 84QAM | 25 | 12 | 19.64 | 19.65 | 19.66 | 21 | 3 |
| 10 | 84QAM | 25 | 25 | 19.63 | 19.72 | 19.62 | | |
| 10 | 84QAM | 50 | 0 | 19.30 | 19.44 | 19.29 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18625 | 18900 | 19175 | | |
| 5 | QPSK | 1 | 0 | 22.45 | 22.57 | 22.32 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.38 | 22.48 | 22.41 | | |
| 5 | QPSK | 1 | 24 | 22.19 | 22.44 | 22.30 | | |
| 5 | QPSK | 12 | 0 | 21.53 | 21.69 | 21.48 | | |
| 5 | QPSK | 12 | 7 | 21.46 | 21.49 | 21.54 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.44 | 21.43 | 21.37 | | |
| 5 | QPSK | 25 | 0 | 21.32 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.55 | 21.64 | 21.52 | | |
| 5 | 16QAM | 1 | 12 | 21.52 | 21.50 | 21.54 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.47 | 21.62 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.58 | 20.59 | 20.50 | | |
| 5 | 16QAM | 12 | 7 | 20.47 | 20.49 | 20.44 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.39 | 20.51 | 20.41 | | |
| 5 | 84QAM | 1 | 0 | 20.55 | 20.53 | 20.33 | | |
| 5 | 84QAM | 1 | 12 | 20.30 | 20.47 | 20.43 | 22 | 2 |
| 5 | 84QAM | 1 | 24 | 20.44 | 20.42 | 20.38 | | |
| 5 | 84QAM | 12 | 0 | 19.63 | 19.54 | 19.64 | 21 | 3 |
| 5 | 84QAM | 12 | 7 | 19.58 | 19.63 | 19.63 | | |
| 5 | 84QAM | 12 | 13 | 19.54 | 19.62 | 19.67 | | |
| 5 | 84QAM | 25 | 0 | 19.33 | 19.46 | 19.25 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18615 | 18900 | 19185 | | |
| 3 | QPSK | 1 | 0 | 22.45 | 22.50 | 22.34 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.39 | 22.43 | 22.38 | | |
| 3 | QPSK | 1 | 14 | 22.20 | 22.39 | 22.27 | | |
| 3 | QPSK | 8 | 0 | 21.47 | 21.67 | 21.52 | | |
| 3 | QPSK | 8 | 4 | 21.45 | 21.49 | 21.47 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.45 | 21.51 | 21.34 | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.46 | 21.35 | | |
| 3 | 16QAM | 1 | 0 | 21.61 | 21.67 | 21.44 | | |
| 3 | 16QAM | 1 | 8 | 21.44 | 21.48 | 21.55 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.57 | 21.56 | | |
| 3 | 16QAM | 8 | 0 | 20.60 | 20.65 | 20.56 | | |
| 3 | 16QAM | 8 | 4 | 20.51 | 20.51 | 20.44 | 22 | 2 |
| 3 | 16QAM | 8 | 7 | 20.38 | 20.56 | 20.33 | | |
| 3 | 16QAM | 15 | 0 | 20.38 | 20.41 | 20.34 | | |
| 3 | 84QAM | 1 | 0 | 20.49 | 20.49 | 20.43 | | |
| 3 | 84QAM | 1 | 8 | 20.30 | 20.48 | 20.42 | 22 | 2 |
| 3 | 84QAM | 1 | 14 | 20.40 | 20.40 | 20.36 | | |
| 3 | 84QAM | 8 | 0 | 19.59 | 19.74 | 19.53 | | |
| 3 | 84QAM | 8 | 4 | 19.51 | 19.62 | 19.59 | 21 | 3 |
| 3 | 84QAM | 8 | 7 | 19.52 | 19.64 | 19.66 | | |
| 3 | 84QAM | 15 | 0 | 19.32 | 19.49 | 19.36 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 18570 | 18900 | 19035 | | |
| 1.4 | QPSK | 1 | 0 | 22.50 | 22.49 | 22.34 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.33 | 22.45 | 22.48 | | |
| 1.4 | QPSK | 1 | 5 | 22.30 | 22.32 | 22.30 | | |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.52 | 22.44 | | |
| 1.4 | QPSK | 3 | 1 | 22.32 | 22.40 | 22.37 | 23 | 1 |
| 1.4 | QPSK | 3 | 3 | 22.38 | 22.34 | 22.29 | | |
| 1.4 | QPSK | 6 | 0 | 21.31 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.56 | 21.45 | | |
| 1.4 | 16QAM | 1 | 3 | 21.44 | 21.54 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 5 | 21.49 | 21.51 | 21.45 | | |
| 1.4 | 16QAM | 3 | 0 | 21.49 | 21.49 | 21.39 | | |
| 1.4 | 16QAM | 3 | 1 | 21.42 | 21.41 | 21.32 | 22 | 2 |
| 1.4 | 16QAM | 3 | 3 | 21.30 | 21.40 | 21.24 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.49 | 20.39 | 22 | 2 |
| 1.4 | 84QAM | 1 | 0 | 20.48 | 20.55 | 20.42 | | |
| 1.4 | 84QAM | 1 | 3 | 20.41 | 20.40 | 20.35 | | |
| 1.4 | 84QAM | 1 | 5 | 20.37 | 20.52 | 20.34 | 22 | 2 |
| 1.4 | 84QAM | 3 | 0 | 20.55 | 20.59 | 20.40 | | |
| 1.4 | 84QAM | 3 | 1 | 20.50 | 20.50 | 20.53 | | |
| 1.4 | 84QAM | 3 | 3 | 20.55 | 20.64 | 20.52 | 21 | 3 |
| 1.4 | 84QAM | 6 | 0 | 19.29 | 19.51 | 19.28 | | |

Band 4 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 20050 | 20175 | 20300 | | |
| 20 | QPSK | 1 | 0 | 22.52 | 22.51 | 22.51 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.41 | 22.52 | 22.37 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.36 | 22.25 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.60 | 21.55 | | |
| 20 | QPSK | 50 | 24 | 21.37 | 21.52 | 21.43 | 23 | 1 |
| 20 | QPSK | 50 | 50 | 21.34 | 21.45 | 21.40 | | |
| 20 | QPSK | 100 | 0 | 21.42 | 21.51 | 21.41 | | |
| 20 | 16QAM | 1 | 0 | 21.44 | 21.58 | 21.55 | | |
| 20 | 16QAM | 1 | 49 | 21.34 | 21.45 | 21.39 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.33 | 21.44 | 21.32 | | |
| 20 | 16QAM | 50 | 0 | 20.35 | 20.44 | 20.33 | | |
| 20 | 16Q | | | | | | | |



Band 7 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--------|--|--|
| Channel | | | | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | | | | 2101 | 2139 | 2150 | | |
| 20 | QPSK | 1 | 0 | 23.01 | 23.09 | 23.03 | | | | | |
| 20 | QPSK | 1 | 49 | 22.92 | 22.95 | 22.85 | 24 | 0 | | | |
| 20 | QPSK | 1 | 99 | 22.76 | 22.87 | 22.84 | | | | | |
| 20 | QPSK | 50 | 0 | 22.04 | 22.09 | 21.98 | | | | | |
| 20 | QPSK | 50 | 24 | 21.89 | 21.98 | 21.95 | 23 | 1 | | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.90 | 21.87 | | | | | |
| 20 | QPSK | 100 | 0 | 21.91 | 21.94 | 21.86 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.08 | 22.13 | 21.96 | | | | | |
| 20 | 16QAM | 1 | 49 | 21.91 | 22.01 | 21.91 | 23 | 1 | | | |
| 20 | 16QAM | 1 | 99 | 21.86 | 21.97 | 21.84 | | | | | |
| 20 | 16QAM | 50 | 0 | 21.03 | 21.10 | 21.03 | | | | | |
| 20 | 16QAM | 50 | 24 | 20.94 | 21.07 | 21.01 | | | | | |
| 20 | 16QAM | 50 | 50 | 20.90 | 21.02 | 20.90 | 22 | 2 | | | |
| 20 | 16QAM | 100 | 0 | 20.74 | 20.89 | 20.76 | | | | | |
| 20 | 64QAM | 1 | 0 | 20.94 | 21.05 | 20.95 | | | | | |
| 20 | 64QAM | 1 | 49 | 20.75 | 20.89 | 20.77 | 22 | 2 | | | |
| 20 | 64QAM | 1 | 99 | 20.75 | 20.91 | 20.65 | | | | | |
| 20 | 64QAM | 50 | 0 | 20.03 | 20.07 | 20.00 | | | | | |
| 20 | 64QAM | 50 | 24 | 19.90 | 20.01 | 19.98 | 21 | 3 | | | |
| 20 | 64QAM | 50 | 50 | 19.97 | 20.00 | 19.83 | | | | | |
| 20 | 64QAM | 100 | 0 | 19.80 | 19.87 | 19.81 | | | | | |
| Channel | | | | | | | 20825 | 21100 | 21375 | | |
| Frequency (MHz) | | | | | | | 2075.5 | 2135 | 2162.5 | | |
| 15 | QPSK | 1 | 0 | 22.93 | 22.96 | 22.85 | | | | | |
| 15 | QPSK | 1 | 37 | 22.81 | 22.91 | 22.75 | 24 | 0 | | | |
| 15 | QPSK | 1 | 74 | 22.59 | 22.71 | 22.78 | | | | | |
| 15 | QPSK | 35 | 0 | 22.00 | 22.04 | 21.87 | | | | | |
| 15 | QPSK | 35 | 20 | 21.82 | 21.95 | 21.81 | 23 | 1 | | | |
| 15 | QPSK | 36 | 39 | 21.79 | 21.84 | 21.79 | | | | | |
| 15 | QPSK | 75 | 0 | 21.77 | 21.91 | 21.81 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.00 | 22.08 | 21.80 | | | | | |
| 15 | 16QAM | 1 | 37 | 21.89 | 21.95 | 21.79 | 23 | 1 | | | |
| 15 | 16QAM | 1 | 74 | 21.75 | 21.87 | 21.71 | | | | | |
| 15 | 16QAM | 36 | 0 | 20.98 | 20.94 | 20.92 | | | | | |
| 15 | 16QAM | 36 | 20 | 20.90 | 21.00 | 20.95 | 22 | 2 | | | |
| 15 | 16QAM | 36 | 39 | 20.81 | 20.90 | 20.78 | | | | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.83 | 20.62 | | | | | |
| 15 | 64QAM | 1 | 0 | 20.84 | 20.92 | 20.90 | | | | | |
| 15 | 64QAM | 1 | 37 | 20.61 | 20.86 | 20.71 | 22 | 2 | | | |
| 15 | 64QAM | 1 | 74 | 20.60 | 20.85 | 20.72 | | | | | |
| 15 | 64QAM | 36 | 0 | 19.91 | 20.03 | 19.90 | | | | | |
| 15 | 64QAM | 36 | 20 | 19.83 | 19.94 | 19.82 | 21 | 3 | | | |
| 15 | 64QAM | 36 | 39 | 19.86 | 19.98 | 19.80 | | | | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 19.76 | 19.73 | | | | | |
| Channel | | | | | | | 20900 | 21100 | 21400 | | |
| Frequency (MHz) | | | | | | | 20905 | 2135 | 2165 | | |
| 10 | QPSK | 1 | 0 | 22.91 | 22.93 | 22.78 | | | | | |
| 10 | QPSK | 1 | 25 | 22.83 | 22.88 | 22.81 | 24 | 0 | | | |
| 10 | QPSK | 1 | 49 | 22.73 | 22.71 | 22.73 | | | | | |
| 10 | QPSK | 25 | 0 | 21.97 | 21.93 | 21.85 | | | | | |
| 10 | QPSK | 25 | 12 | 21.81 | 21.90 | 21.83 | 23 | 1 | | | |
| 10 | QPSK | 25 | 25 | 21.77 | 21.79 | 21.73 | | | | | |
| 10 | QPSK | 50 | 0 | 21.86 | 21.79 | 21.73 | | | | | |
| 10 | 16QAM | 1 | 0 | 21.97 | 22.08 | 21.82 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 25 | 21.88 | 21.90 | 21.82 | | | | | |
| 10 | 16QAM | 1 | 49 | 21.76 | 21.95 | 21.69 | | | | | |
| 10 | 16QAM | 25 | 0 | 20.91 | 20.98 | 20.99 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.79 | 20.95 | 20.97 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.90 | 20.80 | | | | | |
| 10 | 16QAM | 50 | 0 | 20.66 | 20.75 | 20.60 | | | | | |
| 10 | 64QAM | 1 | 0 | 20.77 | 20.95 | 20.80 | 22 | 2 | | | |
| 10 | 64QAM | 1 | 25 | 20.63 | 20.75 | 20.74 | | | | | |
| 10 | 64QAM | 1 | 49 | 20.69 | 20.84 | 20.73 | | | | | |
| 10 | 64QAM | 25 | 0 | 19.93 | 20.01 | 19.97 | | | | | |
| 10 | 64QAM | 25 | 12 | 19.75 | 19.94 | 19.94 | 21 | 3 | | | |
| 10 | 64QAM | 25 | 25 | 19.94 | 19.90 | 19.80 | | | | | |
| 10 | 64QAM | 50 | 0 | 19.66 | 19.83 | 19.72 | | | | | |
| Channel | | | | | | | 20775 | 21100 | 21425 | | |
| Frequency (MHz) | | | | | | | 2070.5 | 2135 | 2167.5 | | |
| 5 | QPSK | 1 | 0 | 22.88 | 22.97 | 22.74 | | | | | |
| 5 | QPSK | 1 | 12 | 22.84 | 22.84 | 22.75 | 24 | 0 | | | |
| 5 | QPSK | 1 | 24 | 22.92 | 22.84 | 22.76 | | | | | |
| 5 | QPSK | 12 | 0 | 21.89 | 22.00 | 21.87 | 23 | 1 | | | |
| 5 | QPSK | 12 | 7 | 21.83 | 21.94 | 21.90 | | | | | |
| 5 | QPSK | 12 | 13 | 21.70 | 21.86 | 21.74 | | | | | |
| 5 | QPSK | 25 | 0 | 21.87 | 21.78 | 21.71 | | | | | |
| 5 | 16QAM | 1 | 0 | 21.92 | 22.04 | 21.85 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.85 | 21.95 | 21.88 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 24 | 21.79 | 21.81 | 21.68 | | | | | |
| 5 | 16QAM | 12 | 0 | 21.00 | 21.00 | 20.90 | 22 | 2 | | | |
| 5 | 16QAM | 12 | 7 | 20.80 | 21.01 | 20.87 | | | | | |
| 5 | 16QAM | 12 | 13 | 20.80 | 20.87 | 20.80 | | | | | |
| 5 | 16QAM | 25 | 0 | 20.64 | 20.73 | 20.70 | | | | | |
| 5 | 64QAM | 1 | 0 | 20.91 | 21.03 | 20.83 | 22 | 2 | | | |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.81 | 20.74 | | | | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.81 | 20.66 | | | | | |
| 5 | 64QAM | 12 | 0 | 19.87 | 19.93 | 19.96 | 21 | 3 | | | |
| 5 | 64QAM | 12 | 7 | 19.95 | 19.87 | 19.86 | | | | | |
| 5 | 64QAM | 12 | 13 | 19.91 | 19.84 | 19.74 | | | | | |
| 5 | 64QAM | 25 | 0 | 19.67 | 19.76 | 19.71 | | | | | |

Band 12 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-------|--|--|
| Channel | | | | | | | 23050 | 23095 | 23130 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 711.5 | | |
| 10 | QPSK | 1 | 0 | 22.69 | 22.73 | 22.63 | | | | | |
| 10 | QPSK | 1 | 25 | 22.49 | 22.61 | 22.51 | 24 | 0 | | | |
| 10 | QPSK | 1 | 49 | 22.55 | 22.57 | 22.50 | | | | | |
| 10 | QPSK | 25 | 0 | 21.57 | 21.59 | 21.55 | | | | | |
| 10 | QPSK | 25 | 12 | 21.44 | 21.54 | 21.41 | 23 | 1 | | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.48 | 21.34 | | | | | |
| 10 | QPSK | 50 | 0 | 21.47 | 21.53 | 21.38 | | | | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.86 | 21.70 | | | | | |
| 10 | 16QAM | 1 | 25 | 21.71 | 21.77 | 21.62 | 23 | 1 | | | |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.74 | 21.63 | | | | | |
| 10 | 16QAM | 25 | 0 | 20.53 | 20.64 | 20.62 | | | | | |
| 10 | 16QAM | 25 | 12 | 20.52 | 20.57 | 20.53 | 22 | 2 | | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.60 | 20.49 | | | | | |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.60 | 20.48 | | | | | |
| 10 | 64QAM | 1 | 0 | 20.65 | 20.80 | 20.68 | | | | | |
| 10 | 64QAM | 1 | 25 | 20.68 | 20.78 | 20.68 | 22 | 2 | | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.64 | | | | | |
| 10 | 64QAM | 25 | 0 | 19.57 | 19.62 | 19.57 | | | | | |
| 10 | 64QAM | 25 | 12 | 19.46 | 19.56 | 19.53 | 21 | 3 | | | |
| 10 | 64QAM | 25 | 25 | 19.38 | 19.52 | 19.42 | | | | | |
| 10 | 64QAM | 50 | 0 | 19.53 | 19.57 | 19.49 | | | | | |
| Channel | | | | | | | 23035 | 23095 | 23155 | | |
| Frequency (MHz) | | | | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.64 | 22.55 | | | | | |
| 5 | QPSK | 1 | 12 | 22.42 | 22.52 | 22.37 | 24 | 0 | | | |
| 5 | QPSK | 1 | 24 | 22.51 | 22.52 | 22.46 | | | | | |
| 5 | QPSK | 12 | 0 | 21.51 | 21.56 | 21.38 | | | | | |
| 5 | QPSK | 12 | 7 | 21.34 | 21.51 | 21.35 | 23 | 1 | | | |
| 5 | QPSK | 12 | 13 | 21.36 | 21.44 | 21.27 | | | | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.44 | 21.28 | | | | | |
| 5 | 16QAM | 1 | 0 | 21.67 | 21.76 | 21.65 | | | | | |
| 5 | 16QAM | 1 | 12 | 21.66 | 21.61 | 21.58 | 23 | 1 | | | |
| 5 | 16QAM | 1 | 24 | 21.50 | 21.63 | 21.57 | | | | | |
| 5 | 16QAM | 12 | 0 | 20.45 | 20.51 | 20.56 | | | | | |
| 5 | 16QAM | 12 | 7 | 20.36 | 20.51 | 20.38 | 22 | 2 | | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.56 | 20.36 | | | | | |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.51 | 20.33 | | | | | |
| 5 | 64QAM | 1 | 0 | 20.56 | 20.63 | 20.51 | | | | | |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.74 | 20.59 | 22 | 2 | | | |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.53 | 20.53 | | | | | |
| 5 | 64QAM | 12 | 0 | 19.43 | 19.58 | 19.44 | | | | | |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.44 | 19.43 | 21 | 3 | | | |
| 5 | 64QAM | 12 | 13 | 19.35 | 19.41 | 19.31 | | | | | |
| 5 | 64QAM | 25 | 0 | 19.50 | 19.45 | 19.42 | | | | | |
| Channel | | | | | | | 23025 | 23095 | 23165 | | |
| Frequency (MHz) | | | | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.66 | 22.70 | 22.60 | | | | | |
| 3 | QPSK | 1 | 8 | 22.43 | 22.55 | 22.35 | 24 | 0 | | | |
| 3 | QPSK | 1 | 14 | 22.46 | 22.45 | 22.45 | | | | | |
| 3 | QPSK | 8 | 0 | 21.46 | 21.53 | 21.40 | | | | | |
| 3 | QPSK | 8 | 4 | 21.41 | 21.52 | 21.34 | 23 | 1 | | | |
| 3 | QPSK | 8 | 7 | 21.28 | 21.40 | 21.20 | | | | | |
| 3 | QPSK | 15 | 0 | 21.31 | | | | | | | |



Band 17 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.60 | 22.63 | 22.56 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.52 | 22.61 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.52 | 22.38 | 23 | 1 |
| 10 | QPSK | 25 | 0 | 21.43 | 21.56 | 21.52 | | |
| 10 | QPSK | 25 | 12 | 21.38 | 21.52 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.35 | 21.47 | 21.36 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.57 | 21.51 | 22 | 2 |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.72 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.58 | 21.63 | 21.54 | 22 | 2 |
| 10 | 16QAM | 1 | 49 | 21.53 | 21.63 | 21.48 | | |
| 10 | 16QAM | 25 | 0 | 20.44 | 20.57 | 20.51 | 21 | 3 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.43 | 20.29 | | |
| 10 | 16QAM | 25 | 25 | 20.29 | 20.45 | 20.30 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.50 | 20.54 | 20.50 | | |
| 10 | 64QAM | 1 | 0 | 20.54 | 20.68 | 20.53 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.58 | 20.42 | | |
| 10 | 64QAM | 1 | 49 | 20.54 | 20.58 | 20.56 | 23 | 3 |
| 10 | 64QAM | 25 | 0 | 19.41 | 19.51 | 19.44 | | |
| 10 | 64QAM | 25 | 12 | 19.39 | 19.46 | 19.37 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.27 | 19.37 | 19.26 | | |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | 21 | 3 |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.53 | 19.40 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.54 | 22.51 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.41 | 22.48 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.39 | 22.23 | 23 | 1 |
| 5 | QPSK | 12 | 0 | 21.28 | 21.32 | 21.42 | | |
| 5 | QPSK | 12 | 7 | 21.33 | 21.41 | 21.33 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.24 | 21.43 | 21.25 | | |
| 5 | QPSK | 25 | 0 | 21.42 | 21.48 | 21.37 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.62 | 21.61 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.60 | 21.43 | 22 | 2 |
| 5 | 16QAM | 1 | 24 | 21.37 | 21.47 | 21.49 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.45 | 20.49 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.30 | 20.23 | | |
| 5 | 16QAM | 12 | 13 | 20.18 | 20.32 | 20.27 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.45 | 20.45 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.41 | 20.54 | 20.51 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.49 | 20.41 | 20.37 | | |
| 5 | 64QAM | 1 | 24 | 20.50 | 20.52 | 20.42 | 21 | 3 |
| 5 | 64QAM | 12 | 0 | 19.30 | 19.42 | 19.36 | | |
| 5 | 64QAM | 12 | 7 | 19.28 | 19.32 | 19.20 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.17 | 19.22 | 19.22 | | |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | 21 | 3 |
| 5 | 64QAM | 25 | 0 | 19.32 | 19.46 | 19.24 | | |

Band 26 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Middle Ch./Freq. | Power High Ch./Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.72 | 22.76 | 22.70 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.57 | 22.70 | 22.61 | | |
| 15 | QPSK | 1 | 74 | 22.50 | 22.67 | 22.56 | 23 | 1 |
| 15 | QPSK | 36 | 0 | 21.55 | 21.71 | 21.62 | | |
| 15 | QPSK | 36 | 20 | 21.56 | 21.63 | 21.48 | 23 | 1 |
| 15 | QPSK | 36 | 39 | 21.55 | 21.66 | 21.61 | | |
| 15 | QPSK | 75 | 0 | 21.68 | 21.73 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.78 | 21.72 | | |
| 15 | 16QAM | 1 | 37 | 21.52 | 21.75 | 21.69 | 23 | 1 |
| 15 | 16QAM | 1 | 74 | 21.61 | 21.70 | 21.65 | | |
| 15 | 16QAM | 36 | 0 | 20.50 | 20.61 | 20.57 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.34 | 20.44 | 20.40 | | |
| 15 | 16QAM | 36 | 39 | 20.41 | 20.46 | 20.36 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.61 | 20.68 | 20.64 | | |
| 15 | 64QAM | 1 | 0 | 20.70 | 20.73 | 20.58 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.49 | 20.57 | 20.50 | | |
| 15 | 64QAM | 1 | 74 | 20.55 | 20.59 | 20.45 | 21 | 3 |
| 15 | 64QAM | 36 | 0 | 19.53 | 19.63 | 19.50 | | |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.50 | 19.41 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.53 | 19.57 | 19.52 | | |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | 21 | 3 |
| 15 | 64QAM | 75 | 0 | 19.57 | 19.70 | 19.66 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.48 | 22.67 | 22.61 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.68 | 22.49 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.57 | 22.48 | 23 | 1 |
| 10 | QPSK | 25 | 0 | 21.50 | 21.61 | 21.56 | | |
| 10 | QPSK | 25 | 12 | 21.40 | 21.56 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 25 | 21.42 | 21.63 | 21.52 | | |
| 10 | QPSK | 50 | 0 | 21.59 | 21.67 | 21.51 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.65 | 21.64 | | |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.72 | 21.52 | 23 | 1 |
| 10 | 16QAM | 1 | 49 | 21.57 | 21.56 | 21.52 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.41 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.36 | 20.36 | | |
| 10 | 16QAM | 25 | 25 | 20.30 | 20.32 | 20.21 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.99 | 20.55 | 20.55 | | |
| 10 | 64QAM | 1 | 0 | 20.59 | 20.64 | 20.48 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.53 | 20.47 | | |
| 10 | 64QAM | 1 | 49 | 20.53 | 20.45 | 20.38 | 21 | 3 |
| 10 | 64QAM | 25 | 0 | 19.47 | 19.49 | 19.47 | | |
| 10 | 64QAM | 25 | 12 | 19.30 | 19.33 | 19.26 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.42 | 19.45 | | |
| 10 | 64QAM | 50 | 0 | 19.54 | 19.54 | 19.50 | 21 | 3 |
| 10 | 64QAM | 50 | 0 | 19.54 | 19.54 | 19.50 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.46 | 22.60 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.57 | 22.46 | | |
| 5 | QPSK | 1 | 24 | 22.34 | 22.64 | 22.46 | 23 | 1 |
| 5 | QPSK | 12 | 0 | 21.44 | 21.63 | 21.54 | | |
| 5 | QPSK | 12 | 7 | 21.40 | 21.53 | 21.45 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.47 | 21.58 | 21.55 | | |
| 5 | 16QAM | 25 | 0 | 21.53 | 21.61 | 21.54 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.60 | 21.75 | 21.65 | | |
| 5 | 16QAM | 1 | 12 | 21.51 | 21.62 | 21.60 | 22 | 2 |
| 5 | 16QAM | 1 | 24 | 21.52 | 21.59 | 21.52 | | |
| 5 | 16QAM | 12 | 0 | 20.44 | 20.55 | 20.40 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.23 | 20.27 | 20.31 | | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.34 | 20.22 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.48 | 20.58 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.50 | 20.70 | 20.52 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.46 | 20.50 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.41 | 20.54 | 20.41 | 21 | 3 |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.58 | 19.46 | | |
| 5 | 64QAM | 12 | 7 | 19.25 | 19.34 | 19.35 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.38 | 19.48 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | 21 | 3 |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.63 | 19.49 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.57 | 22.72 | 22.61 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.45 | 22.60 | 22.54 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.60 | 22.50 | 23 | 1 |
| 3 | QPSK | 8 | 0 | 21.50 | 21.57 | 21.58 | | |
| 3 | QPSK | 8 | 4 | 21.47 | 21.58 | 21.35 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.46 | 21.62 | 21.57 | | |
| 3 | QPSK | 15 | 0 | 21.53 | 21.71 | 21.46 | 23 | 1 |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.72 | 21.58 | | |
| 3 | 16QAM | 1 | 8 | 21.53 | 21.70 | 21.62 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.46 | 21.57 | 21.54 | | |
| 3 | 16QAM | 8 | 0 | 20.45 | 20.57 | 20.54 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.23 | 20.36 | 20.28 | | |
| 3 | 16QAM | 8 | 7 | 20.27 | 20.43 | 20.24 | 22 | 2 |
| 3 | 16QAM | 15 | 0 | 20.53 | 20.53 | 20.60 | | |
| 3 | 64QAM | 1 | 0 | 20.54 | 20.57 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.33 | 20.40 | 20.38 | | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.55 | 20.42 | 21 | 3 |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.54 | 19.33 | | |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.39 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.42 | 19.53 | 19.37 | | |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | 21 | 3 |
| 3 | 64QAM | 15 | 0 | 19.49 | 19.61 | 19.57 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 22.47 | 22.73 | 22.57 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.43 | 22.61 | 22.45 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.64 | 22.42 | 23 | 1 |
| 1.4 | QPSK | 3 | 0 | 22.50 | 22.68 | 22.54 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.56 | 22.40 | 23 | 1 |
| 1.4 | QPSK | 3 | 2 | 22.42 | 22.60 | 22.47 | | |
| 1.4 | QPSK | 6 | 0 | 21.58 | 21.62 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.61 | 21.63 | 21.65 | | |
| 1.4 | 16QAM | 1 | 3 | 21.62 | 21.67 | 21.65 | 23 | 1 |
| 1.4 | 16QAM | 1 | 5 | 21.48 | 21.68 | | | |



| Band 38 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2680 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 22.70 | 22.75 | 22.73 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.71 | 22.71 | 22.63 | | | | |
| 20 | QPSK | 1 | 99 | 22.59 | 22.64 | 22.52 | | | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.77 | 21.74 | | | | |
| 20 | QPSK | 50 | 24 | 21.67 | 21.71 | 21.59 | 23 | 1 | | |
| 20 | QPSK | 50 | 50 | 21.63 | 21.69 | 21.55 | | | | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.73 | 21.67 | | | | |
| 20 | 16QAM | 1 | 0 | 21.58 | 21.71 | 21.64 | | | | |
| 20 | 16QAM | 1 | 49 | 21.56 | 21.69 | 21.61 | 23 | 1 | | |
| 20 | 16QAM | 1 | 99 | 21.59 | 21.64 | 21.61 | | | | |
| 20 | 16QAM | 50 | 0 | 20.69 | 20.86 | 20.73 | | | | |
| 20 | 16QAM | 50 | 24 | 20.68 | 20.76 | 20.62 | 22 | 2 | | |
| 20 | 16QAM | 50 | 50 | 20.64 | 20.71 | 20.64 | | | | |
| 20 | 16QAM | 100 | 0 | 20.75 | 20.81 | 20.69 | | | | |
| 20 | 64QAM | 1 | 0 | 21.51 | 21.58 | 21.43 | | | | |
| 20 | 64QAM | 1 | 49 | 21.33 | 21.49 | 21.37 | 22 | 2 | | |
| 20 | 64QAM | 1 | 99 | 21.38 | 21.54 | 21.49 | | | | |
| 20 | 64QAM | 50 | 0 | 19.86 | 19.89 | 19.81 | | | | |
| 20 | 64QAM | 50 | 24 | 19.67 | 19.74 | 19.64 | 21 | 3 | | |
| 20 | 64QAM | 50 | 50 | 19.75 | 19.83 | 19.76 | | | | |
| 20 | 64QAM | 100 | 0 | 19.74 | 19.83 | 19.73 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.63 | 22.71 | 22.56 | 24 | 0 | | |
| 15 | QPSK | 1 | 37 | 22.58 | 22.64 | 22.54 | | | | |
| 15 | QPSK | 1 | 74 | 22.43 | 22.61 | 22.43 | | | | |
| 15 | QPSK | 36 | 0 | 21.49 | 21.64 | 21.53 | 23 | 1 | | |
| 15 | QPSK | 36 | 20 | 21.63 | 21.64 | 21.53 | | | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.61 | 21.43 | | | | |
| 15 | QPSK | 75 | 0 | 21.55 | 21.62 | 21.51 | | | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.65 | 21.60 | | | | |
| 15 | 16QAM | 1 | 37 | 21.51 | 21.53 | 21.53 | 23 | 1 | | |
| 15 | 16QAM | 1 | 74 | 21.56 | 21.61 | 21.56 | | | | |
| 15 | 16QAM | 36 | 0 | 20.65 | 20.73 | 20.65 | 22 | 2 | | |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.73 | 20.58 | | | | |
| 15 | 16QAM | 36 | 39 | 20.54 | 20.65 | 20.51 | | | | |
| 15 | 16QAM | 75 | 0 | 20.65 | 20.65 | 20.67 | | | | |
| 15 | 64QAM | 1 | 0 | 21.42 | 21.44 | 21.41 | | | | |
| 15 | 64QAM | 1 | 37 | 21.21 | 21.46 | 21.28 | 22 | 2 | | |
| 15 | 64QAM | 1 | 74 | 21.27 | 21.40 | 21.36 | | | | |
| 15 | 64QAM | 36 | 0 | 19.72 | 19.72 | 19.67 | 21 | 3 | | |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.64 | 19.61 | | | | |
| 15 | 64QAM | 36 | 39 | 19.67 | 19.68 | 19.74 | | | | |
| 15 | 64QAM | 75 | 0 | 19.60 | 19.70 | 19.60 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2675 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.74 | 22.71 | 24 | 0 | | |
| 10 | QPSK | 1 | 25 | 22.56 | 22.73 | 22.63 | | | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.59 | 22.48 | | | | |
| 10 | QPSK | 25 | 0 | 21.49 | 21.64 | 21.61 | 23 | 1 | | |
| 10 | QPSK | 25 | 12 | 21.62 | 21.66 | 21.50 | | | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.55 | 21.38 | | | | |
| 10 | QPSK | 50 | 0 | 21.64 | 21.65 | 21.52 | | | | |
| 10 | 16QAM | 1 | 0 | 21.48 | 21.61 | 21.55 | 23 | 1 | | |
| 10 | 16QAM | 1 | 25 | 21.48 | 21.55 | 21.56 | | | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.47 | 21.57 | | | | |
| 10 | 16QAM | 25 | 0 | 20.52 | 20.69 | 20.59 | 22 | 2 | | |
| 10 | 16QAM | 25 | 12 | 20.53 | 20.64 | 20.59 | | | | |
| 10 | 16QAM | 25 | 25 | 20.59 | 20.68 | 20.50 | | | | |
| 10 | 16QAM | 50 | 0 | 20.72 | 20.78 | 20.54 | | | | |
| 10 | 64QAM | 1 | 0 | 21.40 | 21.42 | 21.36 | 22 | 2 | | |
| 10 | 64QAM | 1 | 25 | 21.19 | 21.44 | 21.23 | | | | |
| 10 | 64QAM | 1 | 49 | 21.21 | 21.51 | 21.33 | | | | |
| 10 | 64QAM | 25 | 0 | 19.78 | 19.81 | 19.65 | 21 | 3 | | |
| 10 | 64QAM | 25 | 12 | 19.60 | 19.64 | 19.53 | | | | |
| 10 | 64QAM | 25 | 25 | 19.71 | 19.78 | 19.75 | | | | |
| 10 | 64QAM | 50 | 0 | 19.58 | 19.76 | 19.67 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2672.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.66 | 22.73 | 22.66 | 24 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.68 | 22.73 | 22.50 | | | | |
| 5 | QPSK | 1 | 24 | 22.55 | 22.49 | 22.41 | | | | |
| 5 | QPSK | 12 | 0 | 21.43 | 21.66 | 21.58 | 23 | 1 | | |
| 5 | QPSK | 12 | 7 | 21.56 | 21.60 | 21.48 | | | | |
| 5 | QPSK | 12 | 13 | 21.56 | 21.61 | 21.52 | | | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.68 | 21.50 | | | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.66 | 21.49 | 23 | 1 | | |
| 5 | 16QAM | 1 | 12 | 21.48 | 21.65 | 21.45 | | | | |
| 5 | 16QAM | 1 | 24 | 21.48 | 21.51 | 21.51 | | | | |
| 5 | 16QAM | 12 | 0 | 20.60 | 20.79 | 20.59 | 22 | 2 | | |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.60 | 20.55 | | | | |
| 5 | 16QAM | 12 | 13 | 20.55 | 20.65 | 20.50 | | | | |
| 5 | 16QAM | 25 | 0 | 20.72 | 20.73 | 20.66 | | | | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.51 | 21.34 | 22 | 2 | | |
| 5 | 64QAM | 1 | 12 | 21.18 | 21.43 | 21.26 | | | | |
| 5 | 64QAM | 1 | 24 | 21.21 | 21.41 | 21.37 | | | | |
| 5 | 64QAM | 12 | 0 | 19.82 | 19.82 | 19.71 | 21 | 3 | | |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.72 | 19.49 | | | | |
| 5 | 64QAM | 12 | 13 | 19.63 | 19.73 | 19.70 | | | | |
| 5 | 64QAM | 25 | 0 | 19.71 | 19.73 | 19.67 | | | | |

| Band 41 Ant0 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 22.77 | 22.72 | 22.84 | 24 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.70 | 22.66 | 22.74 | | | | |
| 20 | QPSK | 1 | 99 | 22.57 | 22.55 | 22.67 | | | | |
| 20 | QPSK | 50 | 0 | 21.65 | 21.70 | 21.76 | 23 | 1 | | |
| 20 | QPSK | 50 | 24 | 21.56 | 21.65 | 21.71 | | | | |
| 20 | QPSK | 50 | 50 | 21.67 | 21.61 | 21.70 | | | | |
| 20 | QPSK | 100 | 0 | 21.65 | 21.57 | 21.73 | | | | |
| 20 | 16QAM | 1 | 0 | 21.69 | 21.74 | 21.78 | 23 | 1 | | |
| 20 | 16QAM | 1 | 49 | 21.60 | 21.55 | 21.67 | | | | |
| 20 | 16QAM | 1 | 99 | 21.49 | 21.51 | 21.67 | | | | |
| 20 | 16QAM | 50 | 0 | 20.86 | 20.85 | 20.90 | 22 | 2 | | |
| 20 | 16QAM | 50 | 24 | 20.74 | 20.82 | 20.87 | | | | |
| 20 | 16QAM | 50 | 50 | 20.78 | 20.82 | 20.78 | | | | |
| 20 | 16QAM | 100 | 0 | 20.73 | 20.77 | 20.88 | | | | |
| 20 | 64QAM | 1 | 0 | 20.53 | 20.48 | 20.62 | 22 | 2 | | |
| 20 | 64QAM | 1 | 49 | 20.43 | 20.48 | 20.56 | | | | |
| 20 | 64QAM | 1 | 99 | 20.38 | 20.35 | 20.52 | | | | |
| 20 | 64QAM | 50 | 0 | 19.84 | 19.75 | 19.87 | 21 | 3 | | |
| 20 | 64QAM | 50 | 24 | 19.80 | 19.64 | 19.72 | | | | |
| 20 | 64QAM | 50 | 50 | 19.66 | 19.64 | 19.74 | | | | |
| 20 | 64QAM | 100 | 0 | 19.78 | 19.72 | 19.84 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | | | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 22.67 | 22.60 | 22.67 | 24 | 0 | | |
| 15 | QPSK | 1 | 37 | 22.54 | 22.55 | 22.66 | | | | |
| 15 | QPSK | 1 | 74 | 22.41 | 22.53 | 22.50 | | | | |
| 15 | QPSK | 36 | 0 | 21.57 | 21.63 | 21.70 | 23 | 1 | | |
| 15 | QPSK | 36 | 20 | 21.44 | 21.56 | 21.60 | | | | |
| 15 | QPSK | 36 | 39 | 21.56 | 21.58 | 21.55 | | | | |
| 15 | QPSK | 75 | 0 | 21.53 | 21.51 | 21.60 | | | | |
| 15 | 16QAM | 1 | 0 | 21.58 | 21.65 | 21.69 | 23 | 1 | | |
| 15 | 16QAM | 1 | 37 | 21.58 | 21.48 | 21.50 | | | | |
| 15 | 16QAM | 1 | 74 | 21.35 | 21.46 | 21.59 | | | | |
| 15 | 16QAM | 36 | 0 | 20.77 | 20.80 | 20.77 | 22 | 2 | | |
| 15 | 16QAM | 36 | 20 | 20.62 | 20.77 | 20.76 | | | | |
| 15 | 16QAM | 36 | 39 | 20.64 | 20.55 | 20.69 | | | | |
| 15 | 16QAM | 75 | | | | | | | | |



| GSM850 Ant1 Default | | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 33.30 | 24.04 | 24.14 | 24.34 | 24.50 | |
| GSM 1 Tx slot | 33.04 | 33.14 | 33.34 | 33.30 | 24.04 | 24.14 | 24.34 | 24.50 | |
| GPRS 1 Tx slot | 33.11 | 33.21 | 33.37 | 33.30 | 24.11 | 24.21 | 24.37 | 24.50 | |
| GPRS 2 Tx slots | 31.46 | 31.64 | 31.61 | 32.50 | 25.46 | 25.64 | 25.61 | 26.50 | |
| GPRS 3 Tx slots | 29.34 | 29.46 | 29.60 | 30.50 | 25.08 | 25.20 | 25.34 | 26.24 | |
| GPRS 4 Tx slots | 28.52 | 28.55 | 28.45 | 29.50 | 25.52 | 25.55 | 25.45 | 26.50 | |
| EDGE 1 Tx slot | 24.70 | 24.84 | 24.98 | 26.50 | 18.70 | 18.84 | 18.98 | 20.50 | |
| EDGE 2 Tx slots | 22.36 | 22.51 | 22.76 | 24.00 | 18.10 | 18.25 | 18.50 | 19.74 | |
| EDGE 4 Tx slots | 21.06 | 21.10 | 21.31 | 22.50 | 18.06 | 18.10 | 18.31 | 19.50 | |

| GSM1900 Ant1 Default | | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1850 | 1850.8 | 30.50 | 20.07 | 20.52 | 20.34 | 21.50 | |
| GSM 1 Tx slot | 29.47 | 29.52 | 29.54 | 30.50 | 20.07 | 20.52 | 20.34 | 21.50 | |
| GPRS 1 Tx slot | 29.54 | 29.60 | 29.39 | 30.50 | 20.54 | 20.60 | 20.39 | 21.50 | |
| GPRS 2 Tx slots | 28.43 | 28.49 | 28.34 | 29.50 | 22.43 | 22.49 | 22.34 | 23.50 | |
| GPRS 3 Tx slots | 26.50 | 26.54 | 26.32 | 27.50 | 22.24 | 22.28 | 22.06 | 23.24 | |
| GPRS 4 Tx slots | 25.51 | 25.54 | 25.51 | 26.50 | 22.51 | 22.54 | 22.51 | 23.50 | |
| EDGE 1 Tx slot | 24.15 | 24.44 | 24.48 | 25.50 | 16.15 | 16.44 | 16.48 | 18.50 | |
| EDGE 2 Tx slots | 23.24 | 23.39 | 23.62 | 24.50 | 17.24 | 17.39 | 17.62 | 18.50 | |
| EDGE 3 Tx slots | 21.19 | 21.48 | 21.57 | 22.50 | 16.93 | 17.22 | 17.31 | 18.24 | |
| EDGE 4 Tx slots | 20.26 | 20.51 | 20.48 | 21.50 | 17.26 | 17.51 | 17.48 | 18.50 | |

| Band | WCDMA II Ant1 Default | | | | WCDMA IV Ant1 Default | | | | WCDMA V Ant1 Default | | | | |
|-----------------|-----------------------|-------|----------|--------|-----------------------|--------|---------|-------|----------------------|-------|---------|-------|-------|
| | WCDMA II | | WCDMA IV | | WCDMA IV | | WCDMA V | | WCDMA V | | WCDMA V | | |
| TX Channel | 9552 | 9600 | 9638 | 1532 | 1413 | 1513 | 4152 | 4162 | 4233 | 4152 | 4162 | 4233 | |
| Rx Channel | 9652 | 9690 | 9638 | 1537 | 1638 | 1738 | 4367 | 4407 | 4468 | 4367 | 4407 | 4468 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | 826.4 | 836.4 | 846.6 | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2kbps | 22.91 | 23.04 | 23.08 | 24.00 | 22.65 | 22.73 | 22.70 | 24.00 | 23.95 | 24.10 | 23.95 | 25.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 23.09 | 23.15 | 23.14 | 24.00 | 22.68 | 22.86 | 22.80 | 24.00 | 24.38 | 24.39 | 24.36 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.89 | 22.02 | 22.09 | 23.00 | 21.73 | 21.84 | 21.75 | 23.00 | 22.81 | 23.07 | 22.84 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.75 | 22.00 | 21.99 | 23.00 | 21.69 | 21.87 | 21.57 | 23.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.31 | 21.54 | 21.51 | 22.50 | 21.11 | 21.31 | 21.27 | 22.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.30 | 21.60 | 21.65 | 22.50 | 21.27 | 21.35 | 21.28 | 22.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | 21.75 | 22.06 | 22.05 | 23.00 | 21.77 | 21.89 | 21.73 | 23.00 | 22.86 | 23.04 | 22.83 | 24.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | 21.81 | 21.83 | 21.85 | 23.00 | 21.89 | 21.77 | 21.68 | 23.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | 21.22 | 21.44 | 21.54 | 22.50 | 21.24 | 21.34 | 20.98 | 22.50 | 22.36 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 21.38 | 21.41 | 21.59 | 22.50 | 21.12 | 21.25 | 21.08 | 22.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.79 | 22.09 | 22.13 | 23.00 | 21.60 | 21.91 | 21.80 | 23.00 | 22.77 | 23.16 | 22.93 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.91 | 20.12 | 20.13 | 21.00 | 19.91 | 19.96 | 19.70 | 21.00 | 20.99 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.77 | 20.93 | 21.04 | 22.00 | 20.81 | 20.82 | 20.73 | 22.00 | 21.95 | 21.96 | 21.86 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.91 | 20.12 | 20.13 | 21.00 | 19.93 | 19.96 | 19.62 | 21.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.96 | 22.17 | 22.08 | 23.00 | 21.64 | 21.97 | 21.73 | 23.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Part27Q Band 42 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 23.02 | 23.20 | 23.09 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 23.12 | 23.15 | 23.01 | | |
| 20 | QPSK | 1 | 99 | 23.04 | 23.08 | 23.04 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.22 | 22.17 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 22.02 | 22.17 | 22.12 | | |
| 20 | QPSK | 50 | 50 | 22.09 | 22.13 | 22.07 | | |
| 20 | QPSK | 100 | 0 | 22.06 | 22.16 | 22.13 | 23 | 1 |
| 20 | 16QAM | 1 | 0 | 22.03 | 22.19 | 22.13 | | |
| 20 | 16QAM | 1 | 49 | 21.95 | 22.02 | 22.00 | | |
| 20 | 16QAM | 1 | 99 | 21.92 | 22.06 | 21.89 | 22 | 2 |
| 20 | 16QAM | 50 | 0 | 21.06 | 21.22 | 21.12 | | |
| 20 | 16QAM | 50 | 24 | 21.14 | 21.17 | 21.09 | | |
| 20 | 16QAM | 50 | 50 | 20.99 | 21.14 | 21.00 | 22 | 2 |
| 20 | 16QAM | 100 | 0 | 21.00 | 21.16 | 21.07 | | |
| 20 | 64QAM | 1 | 0 | 20.81 | 20.89 | 20.73 | | |
| 20 | 64QAM | 1 | 49 | 20.83 | 20.79 | 20.62 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.77 | 20.83 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.24 | 20.20 | | |
| 20 | 64QAM | 50 | 24 | 20.01 | 20.16 | 20.13 | 21 | 3 |
| 20 | 64QAM | 50 | 50 | 19.99 | 20.08 | 19.97 | | |
| 20 | 64QAM | 100 | 0 | 20.11 | 20.28 | 20.22 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 22.95 | 23.15 | 23.05 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 23.07 | 22.99 | 22.90 | | |
| 15 | QPSK | 1 | 74 | 22.90 | 22.99 | 22.89 | | |
| 15 | QPSK | 36 | 0 | 22.03 | 22.11 | 22.09 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.91 | 22.12 | 21.96 | | |
| 15 | QPSK | 36 | 39 | 22.04 | 21.98 | 21.97 | | |
| 15 | QPSK | 75 | 0 | 21.90 | 22.05 | 22.10 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 22.00 | 22.17 | 22.05 | | |
| 15 | 16QAM | 1 | 37 | 21.80 | 21.88 | 21.87 | | |
| 15 | 16QAM | 1 | 74 | 21.81 | 22.02 | 21.85 | 22 | 2 |
| 15 | 16QAM | 36 | 0 | 21.02 | 21.09 | 20.97 | | |
| 15 | 16QAM | 36 | 20 | 20.97 | 21.12 | 21.03 | | |
| 15 | 16QAM | 36 | 39 | 20.88 | 21.07 | 20.84 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.91 | 21.12 | 20.90 | | |
| 15 | 64QAM | 1 | 0 | 20.64 | 20.78 | 20.63 | | |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.66 | 20.46 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.71 | 20.77 | 20.55 | | |
| 15 | 64QAM | 36 | 0 | 19.98 | 20.15 | 20.08 | | |
| 15 | 64QAM | 36 | 20 | 19.92 | 20.10 | 20.10 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.85 | 20.05 | 19.91 | | |
| 15 | 64QAM | 75 | 0 | 20.06 | 20.18 | 20.10 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 22.93 | 23.10 | 22.96 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 23.09 | 23.09 | 22.90 | | |
| 10 | QPSK | 1 | 49 | 23.00 | 23.00 | 22.87 | | |
| 10 | QPSK | 25 | 0 | 22.10 | 22.17 | 22.10 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.99 | 22.12 | 22.03 | | |
| 10 | QPSK | 25 | 25 | 22.03 | 21.99 | 22.03 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 22.01 | 22.02 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.94 | 22.09 | 22.02 | | |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.95 | 21.95 | | |
| 10 | 16QAM | 1 | 49 | 21.78 | 22.00 | 21.75 | 22 | 2 |
| 10 | 16QAM | 25 | 0 | 21.03 | 21.18 | 21.02 | | |
| 10 | 16QAM | 25 | 12 | 20.98 | 21.05 | 21.04 | | |
| 10 | 16QAM | 25 | 25 | 20.83 | 21.04 | 20.88 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.90 | 21.13 | 20.93 | | |
| 10 | 64QAM | 1 | 0 | 20.66 | 20.85 | 20.70 | | |
| 10 | 64QAM | 1 | 25 | 20.65 | 20.74 | 20.59 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.67 | 20.75 | 20.54 | | |
| 10 | 64QAM | 25 | 0 | 20.00 | 20.10 | 20.09 | | |
| 10 | 64QAM | 25 | 12 | 19.90 | 20.00 | 20.09 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.87 | 19.99 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 20.08 | 20.21 | 20.06 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 22.97 | 23.16 | 23.02 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 23.00 | 23.07 | 22.92 | | |
| 5 | QPSK | 1 | 24 | 22.93 | 22.99 | 22.99 | | |
| 5 | QPSK | 12 | 0 | 22.10 | 22.09 | 22.06 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.92 | 22.08 | 22.02 | | |
| 5 | QPSK | 12 | 13 | 22.04 | 22.01 | 21.94 | | |
| 5 | QPSK | 25 | 0 | 21.91 | 21.99 | 22.07 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.96 | 22.14 | 22.05 | | |
| 5 | 16QAM | 1 | 12 | 21.79 | 21.91 | 21.90 | | |
| 5 | 16QAM | 1 | 24 | 21.78 | 22.02 | 21.83 | 22 | 2 |
| 5 | 16QAM | 12 | 0 | 20.99 | 21.11 | 20.98 | | |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.08 | 21.00 | | |
| 5 | 16QAM | 12 | 13 | 20.95 | 21.07 | 20.97 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.97 | 21.09 | 20.96 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.82 | 20.60 | | |
| 5 | 64QAM | 1 | 12 | 20.47 | 20.64 | 20.56 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.72 | 20.69 | 20.62 | | |
| 5 | 64QAM | 12 | 0 | 20.08 | 20.19 | 20.05 | | |
| 5 | 64QAM | 12 | 7 | 19.98 | 20.09 | 20.01 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.85 | 19.97 | 19.88 | | |
| 5 | 64QAM | 25 | 0 | 19.98 | 20.20 | 20.15 | | |



Reduced Power Mode for DS16

| GSM850 AnTD Default | | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|--|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.6 | 824.2 | 836.4 | 848.6 | | | |
| GSM 1 Tx slot | 32.83 | 32.85 | 32.80 | 33.50 | 23.63 | 23.85 | 23.80 | 24.50 | |
| GPRS 1 Tx slots | 32.25 | 32.98 | 32.89 | 33.50 | 23.93 | 23.98 | 23.89 | 24.50 | |
| GPRS 2 Tx slots | 31.33 | 31.98 | 31.55 | 32.50 | 25.53 | 25.38 | 25.55 | 26.50 | |
| GPRS 3 Tx slots | 29.16 | 29.24 | 29.21 | 30.50 | 24.00 | 24.98 | 24.95 | 26.24 | |
| GPRS 4 Tx slots | 27.98 | 28.21 | 28.13 | 29.50 | 24.98 | 25.21 | 25.13 | 26.50 | |
| EDGE 1 Tx slot | 25.89 | 25.98 | 26.05 | 27.00 | 16.89 | 16.96 | 17.05 | 18.00 | |
| EDGE 2 Tx slots | 22.57 | 24.07 | 24.74 | 26.00 | 18.57 | 18.67 | 18.74 | 20.00 | |
| EDGE 3 Tx slots | 22.24 | 22.44 | 22.38 | 23.50 | 17.98 | 18.18 | 18.12 | 19.24 | |
| EDGE 4 Tx slots | 20.82 | 20.98 | 20.94 | 22.00 | 17.82 | 17.98 | 17.94 | 19.00 | |

| GSM1900 AnTD DS16 | | | | | | | | | |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|--------|-------|---------------------------|--|
| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1860 | 1909.8 | 1850.2 | 1860 | 1909.8 | | | |
| GSM 1 Tx slot | 26.30 | 26.41 | 26.35 | 27.00 | 17.30 | 17.41 | 17.35 | 18.00 | |
| GPRS 1 Tx slot | 25.38 | 26.48 | 26.38 | 27.00 | 17.38 | 17.48 | 17.38 | 18.00 | |
| GPRS 2 Tx slots | 25.40 | 25.45 | 25.35 | 26.00 | 19.40 | 19.45 | 19.35 | 20.00 | |
| GPRS 3 Tx slots | 23.22 | 23.37 | 23.22 | 24.00 | 18.98 | 19.11 | 18.96 | 19.74 | |
| GPRS 4 Tx slots | 22.24 | 22.30 | 22.22 | 23.00 | 19.24 | 19.30 | 19.22 | 20.00 | |
| EDGE 1 Tx slot | 21.58 | 21.47 | 21.41 | 22.50 | 12.88 | 12.47 | 12.41 | 13.50 | |
| EDGE 2 Tx slots | 20.61 | 20.54 | 20.35 | 21.50 | 14.61 | 14.54 | 14.35 | 15.50 | |
| EDGE 3 Tx slots | 18.68 | 18.62 | 18.47 | 19.50 | 14.42 | 14.36 | 14.21 | 15.24 | |
| EDGE 4 Tx slots | 17.67 | 17.68 | 17.56 | 18.50 | 14.67 | 14.68 | 14.56 | 15.50 | |

| Band | WCDMA II AnTD DS16 | | | Tune-up Limit (dBm) | WCDMA IV AnTD DS16 | | | Tune-up Limit (dBm) | WCDMA V AnTD DS16 | | | Tune-up Limit (dBm) | |
|-----------------|--------------------|-------|--------|---------------------------|--------------------|--------|-------|---------------------------|-------------------|-------|-------|---------------------------|-------|
| | 9262 | 9490 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | | |
| Rx Channel | 9692 | 9590 | 9683 | 1597 | 1633 | 1798 | 4357 | 4407 | 4458 | | | | |
| Frequency (MHz) | 1852.4 | 1860 | 1907.8 | 1722.4 | 1732.6 | 1725.6 | 856.4 | 838.4 | 866.6 | | | | |
| 3GPP Rel 99 | AMR 12.2kbps | 20.04 | 20.12 | 20.05 | 22.00 | 20.62 | 20.58 | 20.53 | 22.50 | 22.31 | 22.55 | 22.24 | 24.00 |
| 3GPP Rel 99 | RMTC 12.2kbps | 20.11 | 20.28 | 20.08 | 22.00 | 20.63 | 20.71 | 20.57 | 22.50 | 22.36 | 22.68 | 22.48 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 19.11 | 19.12 | 19.03 | 21.00 | 19.65 | 19.59 | 19.52 | 21.50 | 21.20 | 21.55 | 21.11 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 19.01 | 19.06 | 19.10 | 21.00 | 19.56 | 19.61 | 19.56 | 21.50 | 21.23 | 21.30 | 21.27 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.54 | 18.62 | 18.51 | 20.50 | 19.05 | 19.02 | 19.13 | 21.00 | 20.67 | 20.81 | 20.81 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.52 | 18.57 | 18.62 | 20.50 | 19.05 | 19.01 | 19.19 | 21.00 | 20.61 | 20.84 | 20.81 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | 19.05 | 19.01 | 19.09 | 21.00 | 19.61 | 19.55 | 19.65 | 21.50 | 21.23 | 21.24 | 21.13 | 23.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | 19.05 | 19.09 | 19.05 | 21.00 | 19.65 | 19.60 | 19.60 | 21.50 | 21.09 | 21.36 | 21.09 | 23.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | 18.51 | 18.58 | 18.53 | 20.50 | 19.19 | 19.05 | 19.05 | 21.00 | 20.61 | 20.84 | 20.72 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 18.51 | 18.54 | 18.66 | 20.50 | 19.06 | 19.10 | 19.12 | 21.00 | 20.74 | 20.76 | 20.68 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 19.11 | 19.28 | 19.06 | 21.00 | 19.61 | 19.69 | 19.65 | 21.50 | 21.18 | 21.31 | 21.35 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 17.03 | 17.09 | 17.09 | 19.00 | 17.58 | 17.54 | 17.62 | 19.50 | 19.12 | 19.35 | 19.19 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 18.03 | 18.06 | 18.15 | 20.00 | 18.62 | 18.65 | 18.55 | 20.50 | 20.22 | 20.32 | 20.15 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 17.12 | 17.17 | 17.20 | 19.00 | 17.51 | 17.65 | 17.67 | 19.50 | 19.13 | 19.33 | 19.30 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.10 | 19.12 | 19.09 | 21.00 | 19.50 | 19.62 | 19.54 | 21.50 | 21.16 | 21.44 | 21.45 | 23.00 |



Band 38 Ant0 DS16

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch. / Freq., Power Middle Ch. / Freq., Power High Ch. / Freq., Tune-up limit (dBm), MPR (dB). Contains detailed modulation parameters for Band 38.

Band 41 Ant0 DS16

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch. / Freq., Power Middle Ch. / Freq., Power High Ch. / Freq., Tune-up limit (dBm), MPR (dB). Contains detailed modulation parameters for Band 41.



| GSM850 Art1 DS18 | | | | | | | | |
|---|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM850 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| GSM 1 Tx slot | 30.95 | 31.05 | 30.96 | 31.50 | 21.95 | 22.05 | 21.96 | 22.50 |
| GPRS 1 Tx slot | 31.00 | 31.14 | 31.02 | 31.50 | 22.03 | 22.14 | 22.02 | 22.50 |
| GPRS 2 Tx slots | 29.85 | 29.98 | 29.93 | 30.50 | 23.85 | 23.98 | 23.93 | 24.50 |
| GPRS 3 Tx slots | 27.78 | 27.91 | 27.85 | 28.50 | 23.52 | 23.65 | 23.56 | 24.24 |
| GPRS 4 Tx slots | 26.45 | 26.58 | 26.44 | 27.50 | 23.46 | 23.58 | 23.44 | 24.50 |
| EDGE 1 Tx slot | 23.00 | 24.12 | 24.24 | 23.50 | 15.00 | 15.12 | 15.24 | 16.00 |
| EDGE 2 Tx slots | 22.66 | 22.82 | 23.04 | 24.50 | 16.66 | 16.82 | 17.04 | 18.50 |
| EDGE 3 Tx slots | 20.34 | 20.52 | 20.77 | 22.00 | 16.08 | 16.26 | 16.51 | 17.74 |
| EDGE 4 Tx slots | 19.02 | 19.09 | 19.37 | 20.50 | 16.02 | 16.09 | 16.37 | 17.50 |

| GSM1900 Art1 DS18 | | | | | | | | |
|--|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM1900 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM 1 Tx slot | 25.54 | 25.62 | 25.54 | 26.50 | 16.54 | 16.62 | 16.54 | 17.50 |
| GPRS 1 Tx slot | 25.56 | 25.67 | 25.64 | 26.50 | 16.56 | 16.67 | 16.64 | 17.50 |
| GPRS 2 Tx slots | 24.60 | 24.69 | 24.67 | 25.50 | 16.60 | 16.69 | 16.67 | 18.50 |
| GPRS 3 Tx slots | 22.55 | 22.65 | 22.53 | 23.50 | 16.29 | 16.39 | 16.27 | 18.24 |
| GPRS 4 Tx slots | 21.42 | 21.50 | 21.46 | 22.50 | 16.42 | 16.50 | 16.46 | 19.50 |
| EDGE 1 Tx slot | 20.16 | 20.42 | 20.49 | 21.50 | 11.19 | 11.42 | 11.49 | 12.50 |
| EDGE 2 Tx slots | 19.20 | 19.35 | 19.64 | 20.50 | 13.20 | 13.35 | 13.64 | 14.50 |
| EDGE 3 Tx slots | 17.25 | 17.47 | 17.60 | 18.50 | 12.99 | 13.21 | 13.34 | 14.24 |
| EDGE 4 Tx slots | 16.21 | 16.51 | 16.50 | 17.50 | 13.21 | 13.51 | 13.50 | 14.50 |

| Band | WCDMA II Art1 DS18 | | | | WCDMA IV Art1 DS18 | | | WCDMA V Art1 Default | | | | |
|----------------------------------|--------------------|-------|-------|---------------------------|--------------------|-------|-------|---------------------------|-------|-------|-------|-------|
| | 9262 | 9500 | 9538 | Tune-up Limit (dBm) | 1312 | 1413 | 1513 | Tune-up Limit (dBm) | 4132 | 4162 | 4233 | |
| 3GPP Rel 99 RMC 12.2kbps | 20.87 | 20.89 | 20.91 | 22.00 | 21.59 | 21.71 | 21.70 | 23.00 | 23.05 | 24.10 | 23.95 | 25.00 |
| 3GPP Rel 99 RMC 12.2kbps | 20.95 | 21.01 | 20.98 | 22.00 | 21.72 | 21.94 | 21.75 | 23.00 | 24.38 | 24.39 | 24.36 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 19.57 | 19.68 | 19.76 | 21.00 | 20.70 | 20.81 | 20.78 | 22.00 | 22.81 | 23.07 | 22.84 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 19.51 | 19.76 | 19.05 | 21.00 | 20.64 | 20.88 | 20.52 | 22.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 19.06 | 19.28 | 19.24 | 20.50 | 20.13 | 20.32 | 20.22 | 21.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 18.96 | 19.28 | 19.38 | 20.50 | 20.22 | 20.29 | 20.33 | 21.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 19.49 | 19.62 | 19.70 | 21.00 | 20.74 | 20.91 | 20.72 | 22.00 | 22.86 | 23.04 | 22.83 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 19.46 | 19.59 | 19.66 | 21.00 | 20.62 | 20.74 | 20.72 | 22.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 18.89 | 19.10 | 19.30 | 20.50 | 20.30 | 20.33 | 19.96 | 21.50 | 22.36 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 19.06 | 19.08 | 19.26 | 20.50 | 20.10 | 20.23 | 20.10 | 21.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 19.44 | 19.74 | 19.88 | 21.00 | 20.58 | 20.86 | 20.78 | 22.00 | 22.77 | 23.16 | 22.83 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 17.56 | 17.86 | 17.57 | 19.00 | 18.66 | 18.80 | 18.66 | 20.00 | 20.89 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 18.42 | 18.60 | 18.66 | 20.00 | 19.64 | 19.76 | 19.77 | 21.00 | 21.05 | 21.96 | 21.96 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 17.62 | 17.80 | 17.84 | 19.00 | 18.51 | 19.00 | 18.66 | 20.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 19.68 | 19.90 | 19.75 | 21.00 | 20.59 | 21.01 | 20.66 | 22.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Band 38 Ant1 DSI 6

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains multiple channel data blocks for frequencies 20, 15, and 5 MHz.

Band 41 Ant1 DSI 6

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains multiple channel data blocks for frequencies 20, 15, and 5 MHz.



Part27Q Band 42 Ant2 DSI 6

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 18.98 | 19.03 | 19.01 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.91 | 18.94 | 18.95 | | |
| 20 | QPSK | 1 | 99 | 18.89 | 18.92 | 18.94 | | |
| 20 | QPSK | 50 | 0 | 18.87 | 18.98 | 18.86 | | |
| 20 | QPSK | 50 | 24 | 18.92 | 18.97 | 18.94 | | |
| 20 | QPSK | 50 | 50 | 18.94 | 18.85 | 18.92 | 20 | 0 |
| 20 | QPSK | 100 | 0 | 18.71 | 18.93 | 18.64 | | |
| 20 | 16QAM | 1 | 0 | 18.91 | 19.00 | 18.86 | | |
| 20 | 16QAM | 1 | 49 | 18.82 | 18.79 | 18.84 | | |
| 20 | 16QAM | 1 | 99 | 18.80 | 18.79 | 18.88 | | |
| 20 | 16QAM | 50 | 0 | 18.79 | 18.90 | 18.95 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.82 | 18.93 | 18.84 | | |
| 20 | 16QAM | 50 | 50 | 18.91 | 18.85 | 18.77 | | |
| 20 | 16QAM | 100 | 0 | 18.80 | 18.69 | 18.54 | | |
| 20 | 64QAM | 1 | 0 | 18.90 | 18.98 | 18.98 | | |
| 20 | 64QAM | 1 | 49 | 18.81 | 18.82 | 18.83 | 20 | 0 |
| 20 | 64QAM | 1 | 99 | 18.79 | 18.83 | 18.78 | | |
| 20 | 64QAM | 50 | 0 | 18.84 | 18.94 | 18.85 | | |
| 20 | 64QAM | 50 | 24 | 18.86 | 18.82 | 18.89 | | |
| 20 | 64QAM | 50 | 50 | 18.91 | 18.84 | 18.81 | | |
| 20 | 64QAM | 100 | 0 | 18.59 | 18.66 | 18.52 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 18.87 | 18.81 | 18.81 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 18.65 | 18.78 | 18.74 | | |
| 15 | QPSK | 1 | 74 | 18.74 | 18.75 | 18.70 | | |
| 15 | QPSK | 36 | 0 | 18.68 | 18.77 | 18.84 | | |
| 15 | QPSK | 36 | 20 | 18.78 | 18.81 | 18.76 | | |
| 15 | QPSK | 36 | 39 | 18.80 | 18.68 | 18.74 | 20 | 0 |
| 15 | QPSK | 75 | 0 | 18.46 | 18.53 | 18.39 | | |
| 15 | 16QAM | 1 | 0 | 18.74 | 18.79 | 18.61 | | |
| 15 | 16QAM | 1 | 37 | 18.60 | 18.54 | 18.64 | | |
| 15 | 16QAM | 1 | 74 | 18.58 | 18.59 | 18.62 | | |
| 15 | 16QAM | 36 | 0 | 18.62 | 18.69 | 18.74 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.82 | 18.68 | 18.60 | | |
| 15 | 16QAM | 36 | 39 | 18.70 | 18.63 | 18.63 | | |
| 15 | 16QAM | 75 | 0 | 18.38 | 18.47 | 18.40 | | |
| 15 | 64QAM | 1 | 0 | 18.67 | 18.81 | 18.75 | | |
| 15 | 64QAM | 1 | 37 | 18.67 | 18.62 | 18.64 | 20 | 0 |
| 15 | 64QAM | 1 | 74 | 18.53 | 18.57 | 18.62 | | |
| 15 | 64QAM | 36 | 0 | 18.68 | 18.76 | 18.70 | | |
| 15 | 64QAM | 36 | 20 | 18.64 | 18.64 | 18.72 | | |
| 15 | 64QAM | 36 | 39 | 18.71 | 18.66 | 18.65 | | |
| 15 | 64QAM | 75 | 0 | 18.35 | 18.41 | 18.37 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 18.86 | 18.92 | 18.78 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 18.71 | 18.75 | 18.73 | | |
| 10 | QPSK | 1 | 49 | 18.72 | 18.67 | 18.75 | | |
| 10 | QPSK | 25 | 0 | 18.77 | 18.82 | 18.81 | | |
| 10 | QPSK | 25 | 12 | 18.68 | 18.78 | 18.68 | | |
| 10 | QPSK | 25 | 25 | 18.80 | 18.74 | 18.70 | 20 | 0 |
| 10 | QPSK | 50 | 0 | 18.53 | 18.61 | 18.39 | | |
| 10 | 16QAM | 1 | 0 | 18.72 | 18.82 | 18.61 | | |
| 10 | 16QAM | 1 | 25 | 18.65 | 18.62 | 18.67 | | |
| 10 | 16QAM | 1 | 49 | 18.60 | 18.59 | 18.72 | | |
| 10 | 16QAM | 25 | 0 | 18.59 | 18.68 | 18.72 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.59 | 18.70 | 18.59 | | |
| 10 | 16QAM | 25 | 25 | 18.68 | 18.61 | 18.52 | | |
| 10 | 16QAM | 50 | 0 | 18.39 | 18.51 | 18.39 | | |
| 10 | 64QAM | 1 | 0 | 18.71 | 18.78 | 18.72 | | |
| 10 | 64QAM | 1 | 25 | 18.64 | 18.59 | 18.65 | 20 | 0 |
| 10 | 64QAM | 1 | 49 | 18.66 | 18.64 | 18.63 | | |
| 10 | 64QAM | 25 | 0 | 18.67 | 18.75 | 18.68 | | |
| 10 | 64QAM | 25 | 12 | 18.70 | 18.61 | 18.75 | | |
| 10 | 64QAM | 25 | 25 | 18.72 | 18.62 | 18.64 | | |
| 10 | 64QAM | 50 | 0 | 18.44 | 18.52 | 18.35 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 18.77 | 18.81 | 18.76 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 18.66 | 18.74 | 18.69 | | |
| 5 | QPSK | 1 | 24 | 18.69 | 18.67 | 18.71 | | |
| 5 | QPSK | 12 | 0 | 18.73 | 18.78 | 18.85 | | |
| 5 | QPSK | 12 | 7 | 18.78 | 18.76 | 18.70 | | |
| 5 | QPSK | 12 | 13 | 18.71 | 18.70 | 18.77 | 20 | 0 |
| 5 | QPSK | 25 | 0 | 18.47 | 18.62 | 18.47 | | |
| 5 | 16QAM | 1 | 0 | 18.69 | 18.60 | 18.63 | | |
| 5 | 16QAM | 1 | 12 | 18.65 | 18.63 | 18.69 | | |
| 5 | 16QAM | 1 | 24 | 18.56 | 18.60 | 18.64 | | |
| 5 | 16QAM | 12 | 0 | 18.61 | 18.67 | 18.70 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.68 | 18.71 | 18.65 | | |
| 5 | 16QAM | 12 | 13 | 18.66 | 18.63 | 18.53 | | |
| 5 | 16QAM | 25 | 0 | 18.45 | 18.45 | 18.34 | | |
| 5 | 64QAM | 1 | 0 | 18.74 | 18.73 | 18.77 | | |
| 5 | 64QAM | 1 | 12 | 18.64 | 18.67 | 18.64 | 20 | 0 |
| 5 | 64QAM | 1 | 24 | 18.56 | 18.65 | 18.53 | | |
| 5 | 64QAM | 12 | 0 | 18.70 | 18.78 | 18.59 | | |
| 5 | 64QAM | 12 | 7 | 18.70 | 18.64 | 18.73 | | |
| 5 | 64QAM | 12 | 13 | 18.71 | 18.70 | 18.59 | | |
| 5 | 64QAM | 25 | 0 | 18.44 | 18.42 | 18.29 | | |



Reduced Power Mode for DS17

| GSM850 AnD DS17 | | | | | | | | | |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|--|
| TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 128 | 189 | 251 | | 128 | 189 | 251 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | | |
| GSM 1 Tx slot | 29.84 | 29.77 | 29.66 | 30.50 | 20.64 | 20.77 | 20.66 | 21.50 | |
| GPRS 1 Tx slots | 29.72 | 29.84 | 29.76 | 30.50 | 20.72 | 20.84 | 20.76 | 21.50 | |
| GPRS 2 Tx slots | 29.86 | 29.64 | 29.52 | 29.90 | 22.96 | 22.94 | 22.92 | 23.90 | |
| GPRS 3 Tx slots | 26.43 | 26.54 | 26.46 | 27.50 | 22.17 | 22.28 | 22.20 | 23.24 | |
| GPRS 4 Tx slots | 25.48 | 25.55 | 25.42 | 26.50 | 22.48 | 22.55 | 22.42 | 23.50 | |
| EDGE 1 Tx slot | 22.52 | 22.98 | 23.11 | 24.00 | 13.52 | 13.98 | 14.11 | 15.00 | |
| EDGE 2 Tx slots | 21.58 | 21.73 | 21.69 | 23.00 | 15.58 | 15.73 | 15.69 | 17.00 | |
| EDGE 3 Tx slots | 19.23 | 19.48 | 19.42 | 20.50 | 14.97 | 15.22 | 15.16 | 16.24 | |
| EDGE 4 Tx slots | 17.87 | 18.02 | 17.95 | 18.00 | 14.87 | 15.02 | 14.95 | 16.00 | |

| GSM1900 AnD DS17 | | | | | | | | | |
|------------------|---------------------------|-------|--------|---------------------|---------------------------|-------|--------|---------------------|--|
| TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) | |
| | 512 | 661 | 810 | | 512 | 661 | 810 | | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | | |
| GSM 1 Tx slot | 19.62 | 19.66 | 19.52 | 20.50 | 10.62 | 10.66 | 10.52 | 11.50 | |
| GPRS 1 Tx slot | 19.56 | 19.70 | 19.57 | 20.50 | 10.55 | 10.70 | 10.57 | 11.50 | |
| GPRS 2 Tx slots | 18.63 | 18.72 | 18.68 | 19.50 | 12.63 | 12.72 | 12.68 | 13.50 | |
| GPRS 3 Tx slots | 16.65 | 16.75 | 16.67 | 17.50 | 12.39 | 12.49 | 12.41 | 13.24 | |
| GPRS 4 Tx slots | 15.52 | 15.65 | 15.54 | 16.50 | 12.52 | 12.65 | 12.54 | 13.50 | |
| EDGE 1 Tx slot | 14.91 | 14.86 | 14.86 | 16.00 | 5.91 | 5.86 | 5.86 | 7.00 | |
| EDGE 2 Tx slots | 13.67 | 13.68 | 13.67 | 15.00 | 7.67 | 7.68 | 7.67 | 9.00 | |
| EDGE 3 Tx slots | 12.08 | 11.92 | 11.86 | 13.00 | 7.82 | 7.66 | 7.60 | 8.74 | |
| EDGE 4 Tx slots | 10.86 | 10.98 | 10.88 | 12.00 | 7.86 | 7.98 | 7.88 | 9.00 | |

| Band | WCDMA II AnD DS17 | | | Tune-up Limit (dBm) | WCDMA IV AnD DS17 | | | Tune-up Limit (dBm) | WCDMA V AnD DS17 | | | Tune-up Limit (dBm) |
|-------------------------------|-------------------|-------|--------|---------------------|-------------------|--------|-------|---------------------|------------------|-------|-------|---------------------|
| | 9262 | 9490 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | 9602 | 9900 | 9939 | 1557 | 1639 | 1739 | 4367 | 4407 | 4458 | | | |
| Frequency (MHz) | 1824.4 | 1860 | 1917.4 | 1722.4 | 1722.6 | 1722.6 | 4364 | 438.4 | 446.6 | | | |
| 3GPP Rel 99 AMR 12.2kbps | 14.18 | 14.39 | 14.19 | 16.00 | 15.28 | 15.27 | 15.22 | 17.00 | 22.31 | 22.55 | 22.24 | 24.00 |
| 3GPP Rel 99 RMC 12.2kbps | 14.32 | 14.55 | 14.52 | 16.00 | 15.40 | 15.42 | 15.33 | 17.00 | 22.36 | 22.68 | 22.48 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 13.24 | 13.51 | 13.46 | 15.00 | 14.02 | 14.33 | 14.19 | 16.00 | 21.20 | 21.55 | 21.11 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 13.22 | 13.43 | 13.39 | 15.00 | 14.06 | 14.19 | 14.15 | 16.00 | 21.23 | 21.30 | 21.27 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 12.64 | 12.94 | 12.77 | 14.50 | 13.63 | 13.77 | 13.80 | 15.50 | 20.67 | 20.81 | 20.81 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 12.82 | 12.99 | 13.10 | 14.50 | 13.67 | 13.72 | 13.93 | 15.50 | 20.61 | 20.84 | 20.81 | 22.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 13.11 | 13.40 | 13.46 | 15.00 | 14.05 | 14.29 | 14.13 | 16.00 | 21.23 | 21.24 | 21.13 | 23.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 13.13 | 13.42 | 13.51 | 15.00 | 14.07 | 14.20 | 14.30 | 16.00 | 21.09 | 21.36 | 21.09 | 23.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 12.71 | 12.86 | 12.98 | 14.50 | 13.54 | 13.79 | 13.68 | 15.50 | 20.61 | 20.84 | 20.72 | 22.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 12.71 | 12.90 | 13.01 | 14.50 | 13.58 | 13.76 | 13.75 | 15.50 | 20.74 | 20.76 | 20.68 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 13.27 | 13.68 | 13.43 | 15.00 | 14.10 | 14.41 | 14.20 | 16.00 | 21.16 | 21.31 | 21.35 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 11.24 | 11.49 | 11.45 | 13.00 | 12.04 | 12.26 | 12.27 | 14.00 | 19.12 | 19.35 | 19.19 | 21.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 12.31 | 12.42 | 12.54 | 14.00 | 13.04 | 13.12 | 13.29 | 15.00 | 20.22 | 20.32 | 20.15 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 11.42 | 11.58 | 11.62 | 13.00 | 12.15 | 12.40 | 12.35 | 14.00 | 19.13 | 19.33 | 19.30 | 21.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 13.43 | 13.46 | 13.38 | 15.00 | 14.18 | 14.32 | 14.31 | 16.00 | 21.16 | 21.44 | 21.45 | 23.00 |



| GSM850 Ant1 DS17 | | | | | | | | |
|---|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM850 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| GSM 1 Tx slot | 26.40 | 26.52 | 26.48 | 27.00 | 17.40 | 17.52 | 17.48 | 18.00 |
| GPRS 1 Tx slot | 26.50 | 26.55 | 26.49 | 27.00 | 17.50 | 17.55 | 17.45 | 18.00 |
| GPRS 2 Tx slots | 25.26 | 25.34 | 25.26 | 26.00 | 19.26 | 19.34 | 19.26 | 20.00 |
| GPRS 3 Tx slots | 23.24 | 23.30 | 23.15 | 24.00 | 18.98 | 19.04 | 18.89 | 19.74 |
| GPRS 4 Tx slots | 22.18 | 22.28 | 22.13 | 23.00 | 19.18 | 19.28 | 19.13 | 20.00 |
| EDGE 1 Tx slot | 19.52 | 19.62 | 19.72 | 21.00 | 10.92 | 10.92 | 10.72 | 12.00 |
| EDGE 2 Tx slots | 18.21 | 18.32 | 18.46 | 20.00 | 12.21 | 12.32 | 12.46 | 14.00 |
| EDGE 3 Tx slots | 15.91 | 16.06 | 16.23 | 17.50 | 11.65 | 11.80 | 11.97 | 13.24 |
| EDGE 4 Tx slots | 14.52 | 14.57 | 14.83 | 16.00 | 11.62 | 11.57 | 11.83 | 13.00 |

| GSM1900 Ant1 DS17 | | | | | | | | |
|--|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM1900 TX Channel Frequency (MHz) | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| GSM 1 Tx slot | 20.57 | 20.68 | 20.58 | 21.50 | 11.67 | 11.68 | 11.58 | 12.50 |
| GPRS 1 Tx slot | 20.55 | 20.70 | 20.58 | 21.50 | 11.55 | 11.70 | 11.58 | 12.50 |
| GPRS 2 Tx slots | 19.67 | 19.74 | 19.59 | 20.50 | 13.67 | 13.74 | 13.59 | 14.50 |
| GPRS 3 Tx slots | 17.81 | 17.68 | 17.60 | 18.50 | 13.35 | 13.42 | 13.34 | 14.24 |
| GPRS 4 Tx slots | 16.76 | 16.67 | 16.74 | 17.50 | 13.76 | 13.67 | 13.74 | 14.50 |
| EDGE 1 Tx slot | 15.15 | 15.45 | 15.54 | 16.50 | 8.15 | 8.46 | 8.54 | 7.50 |
| EDGE 2 Tx slots | 14.22 | 14.39 | 14.64 | 15.50 | 8.22 | 8.39 | 8.64 | 9.50 |
| EDGE 3 Tx slots | 12.18 | 12.48 | 12.52 | 13.50 | 7.92 | 8.22 | 8.28 | 8.24 |
| EDGE 4 Tx slots | 11.22 | 11.51 | 11.53 | 12.50 | 8.22 | 8.51 | 8.53 | 9.50 |

| Band | WCDMA II Ant1 DS17 | | | | WCDMA IV Ant1 DS17 | | | WCDMA V Ant1 Default | | | | |
|----------------------------------|--------------------|-------|-------|---------------------------|--------------------|-------|-------|---------------------------|-------|-------|-------|-------|
| | 9262 | 9500 | 9538 | Tune-up Limit (dBm) | 1312 | 1413 | 1513 | Tune-up Limit (dBm) | 4192 | 4182 | 4233 | |
| 3GPP Rel 99 RMC 12.2Kbps | 14.95 | 15.11 | 14.96 | | 16.00 | 15.66 | 15.68 | | 15.51 | 17.00 | 23.05 | 24.10 |
| 3GPP Rel 99 RMC 12.2Kbps | 15.08 | 15.21 | 15.03 | 16.00 | 15.71 | 15.80 | 15.60 | 17.00 | 24.38 | 24.39 | 24.36 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 13.63 | 13.81 | 13.80 | 15.00 | 14.69 | 14.70 | 14.61 | 16.00 | 22.81 | 23.07 | 22.94 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 13.54 | 13.73 | 13.77 | 15.00 | 14.51 | 14.67 | 14.39 | 16.00 | 22.94 | 23.04 | 22.94 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 13.01 | 13.29 | 13.31 | 14.50 | 13.98 | 14.19 | 14.18 | 15.50 | 22.36 | 22.45 | 22.36 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 13.07 | 13.38 | 13.39 | 14.50 | 14.09 | 14.19 | 14.16 | 15.50 | 22.39 | 22.51 | 22.43 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 13.46 | 13.84 | 13.78 | 15.00 | 14.67 | 14.67 | 14.60 | 16.00 | 22.86 | 23.04 | 22.93 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 13.51 | 13.72 | 13.75 | 15.00 | 14.42 | 14.68 | 14.58 | 16.00 | 22.85 | 22.92 | 22.91 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 13.02 | 13.19 | 13.31 | 14.50 | 14.10 | 14.24 | 13.82 | 15.50 | 22.36 | 22.64 | 22.33 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 13.06 | 13.21 | 13.36 | 14.50 | 13.94 | 14.11 | 13.90 | 15.50 | 22.36 | 22.41 | 22.22 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 13.48 | 13.83 | 13.85 | 15.00 | 14.49 | 14.78 | 14.70 | 16.00 | 22.77 | 23.16 | 22.83 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 11.90 | 11.82 | 11.84 | 13.00 | 12.51 | 12.66 | 12.49 | 14.00 | 20.89 | 21.14 | 20.87 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 12.49 | 12.66 | 12.76 | 14.00 | 13.46 | 13.66 | 13.54 | 15.00 | 21.95 | 21.96 | 21.96 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 11.82 | 11.82 | 11.80 | 13.00 | 12.41 | 12.80 | 12.53 | 14.00 | 20.84 | 21.13 | 20.96 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 13.72 | 13.92 | 13.84 | 15.00 | 14.49 | 14.81 | 14.53 | 16.00 | 22.99 | 23.17 | 22.95 | 24.00 |



Part27Q Band 42 Ant2 DSI 7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 42190 | 42590 | 42990 | | |
| Frequency (MHz) | | | | 3460 | 3500 | 3540 | | |
| 20 | QPSK | 1 | 0 | 12.98 | 13.14 | 13.00 | 14 | 0 |
| 20 | QPSK | 1 | 49 | 12.96 | 13.00 | 13.02 | | |
| 20 | QPSK | 1 | 99 | 12.89 | 12.86 | 12.89 | | |
| 20 | QPSK | 50 | 0 | 12.95 | 13.03 | 12.99 | 14 | 0 |
| 20 | QPSK | 50 | 24 | 12.97 | 12.94 | 12.96 | | |
| 20 | QPSK | 50 | 50 | 13.04 | 12.98 | 13.00 | | |
| 20 | QPSK | 100 | 0 | 12.86 | 12.84 | 12.82 | 14 | 0 |
| 20 | 16QAM | 1 | 0 | 12.92 | 12.97 | 12.79 | | |
| 20 | 16QAM | 1 | 49 | 12.90 | 12.84 | 12.82 | | |
| 20 | 16QAM | 1 | 99 | 12.83 | 12.80 | 12.82 | 14 | 0 |
| 20 | 16QAM | 50 | 0 | 12.79 | 12.84 | 12.99 | | |
| 20 | 16QAM | 50 | 24 | 12.78 | 12.98 | 12.86 | | |
| 20 | 16QAM | 50 | 50 | 12.94 | 12.81 | 12.82 | 14 | 0 |
| 20 | 16QAM | 100 | 0 | 12.84 | 12.75 | 12.52 | | |
| 20 | 64QAM | 1 | 0 | 12.94 | 13.05 | 12.98 | | |
| 20 | 64QAM | 1 | 49 | 12.89 | 12.78 | 12.78 | 14 | 0 |
| 20 | 64QAM | 1 | 99 | 12.77 | 12.78 | 12.82 | | |
| 20 | 64QAM | 50 | 0 | 12.85 | 12.91 | 12.87 | | |
| 20 | 64QAM | 50 | 24 | 12.80 | 12.82 | 12.95 | 14 | 0 |
| 20 | 64QAM | 50 | 50 | 12.81 | 12.92 | 12.73 | | |
| 20 | 64QAM | 100 | 0 | 12.55 | 12.64 | 12.57 | | |
| Channel | | | | 42185 | 42590 | 43015 | | |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 13.03 | 12.85 | 12.90 | 14 | 0 |
| 15 | QPSK | 1 | 37 | 12.73 | 12.94 | 12.79 | | |
| 15 | QPSK | 1 | 74 | 12.91 | 12.80 | 12.86 | | |
| 15 | QPSK | 36 | 0 | 12.73 | 12.85 | 13.01 | 14 | 0 |
| 15 | QPSK | 36 | 20 | 12.86 | 12.95 | 12.91 | | |
| 15 | QPSK | 36 | 39 | 12.87 | 12.81 | 12.91 | | |
| 15 | QPSK | 75 | 0 | 12.54 | 12.70 | 12.49 | 14 | 0 |
| 15 | 16QAM | 1 | 0 | 12.88 | 12.82 | 12.73 | | |
| 15 | 16QAM | 1 | 37 | 12.65 | 12.64 | 12.75 | | |
| 15 | 16QAM | 1 | 74 | 12.64 | 12.69 | 12.66 | 14 | 0 |
| 15 | 16QAM | 36 | 0 | 12.78 | 12.85 | 12.85 | | |
| 15 | 16QAM | 36 | 20 | 12.67 | 12.77 | 12.74 | | |
| 15 | 16QAM | 36 | 39 | 12.88 | 12.81 | 12.69 | 14 | 0 |
| 15 | 16QAM | 75 | 0 | 12.46 | 12.58 | 12.44 | | |
| 15 | 64QAM | 1 | 0 | 12.82 | 12.90 | 12.89 | | |
| 15 | 64QAM | 1 | 37 | 12.74 | 12.75 | 12.78 | 14 | 0 |
| 15 | 64QAM | 1 | 74 | 12.70 | 12.65 | 12.66 | | |
| 15 | 64QAM | 36 | 0 | 12.78 | 12.82 | 12.79 | | |
| 15 | 64QAM | 36 | 20 | 12.75 | 12.71 | 12.81 | 14 | 0 |
| 15 | 64QAM | 36 | 39 | 12.84 | 12.75 | 12.81 | | |
| 15 | 64QAM | 75 | 0 | 12.41 | 12.54 | 12.40 | | |
| Channel | | | | 42140 | 42590 | 43040 | | |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 13.02 | 12.94 | 12.81 | 14 | 0 |
| 10 | QPSK | 1 | 25 | 12.76 | 12.85 | 12.76 | | |
| 10 | QPSK | 1 | 49 | 12.89 | 12.74 | 12.87 | | |
| 10 | QPSK | 25 | 0 | 12.94 | 12.98 | 12.84 | 14 | 0 |
| 10 | QPSK | 25 | 12 | 12.71 | 12.89 | 12.84 | | |
| 10 | QPSK | 25 | 25 | 12.90 | 12.87 | 12.85 | | |
| 10 | QPSK | 50 | 0 | 12.71 | 12.68 | 12.49 | 14 | 0 |
| 10 | 16QAM | 1 | 0 | 12.75 | 12.98 | 12.69 | | |
| 10 | 16QAM | 1 | 25 | 12.82 | 12.95 | 12.70 | | |
| 10 | 16QAM | 1 | 49 | 12.72 | 12.73 | 12.86 | 14 | 0 |
| 10 | 16QAM | 25 | 0 | 12.68 | 12.80 | 12.80 | | |
| 10 | 16QAM | 25 | 12 | 12.66 | 12.82 | 12.62 | | |
| 10 | 16QAM | 25 | 25 | 12.79 | 12.76 | 12.58 | 14 | 0 |
| 10 | 16QAM | 50 | 0 | 12.44 | 12.59 | 12.54 | | |
| 10 | 64QAM | 1 | 0 | 12.89 | 12.84 | 12.78 | | |
| 10 | 64QAM | 1 | 25 | 12.75 | 12.71 | 12.71 | 14 | 0 |
| 10 | 64QAM | 1 | 49 | 12.58 | 12.78 | 12.65 | | |
| 10 | 64QAM | 25 | 0 | 12.79 | 12.85 | 12.77 | | |
| 10 | 64QAM | 25 | 12 | 12.81 | 12.72 | 12.80 | 14 | 0 |
| 10 | 64QAM | 25 | 25 | 12.88 | 12.72 | 12.76 | | |
| 10 | 64QAM | 50 | 0 | 12.58 | 12.59 | 12.42 | | |
| Channel | | | | 42115 | 42590 | 43065 | | |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3517.5 | | |
| 5 | QPSK | 1 | 0 | 12.94 | 12.87 | 12.81 | 14 | 0 |
| 5 | QPSK | 1 | 12 | 12.84 | 12.82 | 12.82 | | |
| 5 | QPSK | 1 | 24 | 12.75 | 12.79 | 12.83 | | |
| 5 | QPSK | 12 | 0 | 12.89 | 12.84 | 12.95 | 14 | 0 |
| 5 | QPSK | 12 | 7 | 12.96 | 12.85 | 12.78 | | |
| 5 | QPSK | 12 | 13 | 12.79 | 12.78 | 12.86 | | |
| 5 | QPSK | 25 | 0 | 12.51 | 12.80 | 12.59 | 14 | 0 |
| 5 | 16QAM | 1 | 0 | 12.96 | 12.95 | 12.78 | | |
| 5 | 16QAM | 1 | 12 | 12.81 | 12.73 | 12.74 | | |
| 5 | 16QAM | 1 | 24 | 12.60 | 12.75 | 12.81 | 14 | 0 |
| 5 | 16QAM | 12 | 0 | 12.69 | 12.81 | 12.78 | | |
| 5 | 16QAM | 12 | 7 | 12.80 | 12.82 | 12.74 | | |
| 5 | 16QAM | 12 | 13 | 12.80 | 12.77 | 12.64 | 14 | 0 |
| 5 | 16QAM | 25 | 0 | 12.52 | 12.59 | 12.50 | | |
| 5 | 64QAM | 1 | 0 | 12.81 | 12.89 | 12.94 | | |
| 5 | 64QAM | 1 | 12 | 12.74 | 12.75 | 12.76 | 14 | 0 |
| 5 | 64QAM | 1 | 24 | 12.64 | 12.77 | 12.59 | | |
| 5 | 64QAM | 12 | 0 | 12.76 | 12.86 | 12.64 | | |
| 5 | 64QAM | 12 | 7 | 12.78 | 12.80 | 12.77 | 14 | 0 |
| 5 | 64QAM | 12 | 13 | 12.85 | 12.74 | 12.73 | | |
| 5 | 64QAM | 25 | 0 | 12.55 | 12.46 | 12.32 | | |



Full&Default Power Mode Other PA

Table with 11 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains data for Band 2 Ant1 Default.

Table with 11 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains data for Band 4 Ant1 Default.

Table with 11 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains data for Band 7 Ant1 Default.



Band 66 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.92 | 23.00 | 22.81 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.86 | 22.95 | 22.92 | | |
| 20 | QPSK | 1 | 99 | 22.72 | 22.87 | 22.79 | | |
| 20 | QPSK | 50 | 0 | 21.92 | 21.97 | 21.86 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.80 | 21.86 | 21.77 | | |
| 20 | QPSK | 50 | 50 | 21.83 | 21.90 | 21.76 | | |
| 20 | QPSK | 100 | 0 | 21.85 | 21.88 | 21.72 | 23 | 1 |
| 20 | 16QAM | 1 | 0 | 21.81 | 21.92 | 21.81 | | |
| 20 | 16QAM | 1 | 49 | 21.75 | 21.78 | 21.74 | | |
| 20 | 16QAM | 1 | 99 | 21.67 | 21.76 | 21.73 | 22 | 2 |
| 20 | 16QAM | 50 | 0 | 20.89 | 20.88 | 20.93 | | |
| 20 | 16QAM | 50 | 24 | 20.71 | 20.83 | 20.75 | | |
| 20 | 16QAM | 50 | 50 | 20.91 | 20.93 | 20.84 | 22 | 2 |
| 20 | 16QAM | 100 | 0 | 20.87 | 21.03 | 20.90 | | |
| 20 | 16QAM | 1 | 0 | 20.92 | 21.00 | 20.95 | | |
| 20 | 64QAM | 1 | 49 | 20.86 | 20.90 | 20.87 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.74 | 20.89 | 20.80 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.94 | 19.80 | | |
| 20 | 64QAM | 50 | 24 | 19.69 | 19.83 | 19.80 | 21 | 3 |
| 20 | 64QAM | 50 | 50 | 19.74 | 19.81 | 19.73 | | |
| 20 | 64QAM | 100 | 0 | 19.86 | 20.01 | 19.86 | | |
| Channel | | | | 132047 | 132322 | 132597 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.78 | 22.96 | 22.75 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.73 | 22.81 | 22.86 | | |
| 15 | QPSK | 1 | 74 | 22.66 | 22.76 | 22.69 | | |
| 15 | QPSK | 36 | 0 | 21.84 | 21.84 | 21.83 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.72 | 21.82 | 21.62 | | |
| 15 | QPSK | 36 | 39 | 21.68 | 21.82 | 21.73 | | |
| 15 | QPSK | 75 | 0 | 21.81 | 21.83 | 21.60 | 23 | 1 |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.88 | 21.79 | | |
| 15 | 16QAM | 1 | 37 | 21.73 | 21.62 | 21.68 | | |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.66 | 21.55 | 22 | 2 |
| 15 | 16QAM | 36 | 0 | 20.81 | 20.84 | 20.87 | | |
| 15 | 16QAM | 36 | 20 | 20.57 | 20.74 | 20.61 | | |
| 15 | 16QAM | 36 | 39 | 20.76 | 20.88 | 20.81 | 22 | 2 |
| 15 | 16QAM | 75 | 0 | 20.84 | 20.94 | 20.77 | | |
| 15 | 64QAM | 1 | 0 | 20.79 | 20.96 | 20.92 | | |
| 15 | 64QAM | 1 | 37 | 20.71 | 20.75 | 20.75 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.59 | 20.78 | 20.64 | | |
| 15 | 64QAM | 36 | 0 | 19.71 | 19.85 | 19.74 | | |
| 15 | 64QAM | 36 | 20 | 19.54 | 19.80 | 19.70 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.57 | 19.69 | 19.59 | | |
| 15 | 64QAM | 75 | 0 | 19.82 | 19.91 | 19.72 | | |
| Channel | | | | 132022 | 132322 | 132622 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.86 | 22.94 | 22.66 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.77 | 22.82 | 22.75 | | |
| 10 | QPSK | 1 | 49 | 22.69 | 22.84 | 22.72 | | |
| 10 | QPSK | 25 | 0 | 21.84 | 21.84 | 21.79 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.78 | 21.70 | 21.75 | | |
| 10 | QPSK | 25 | 25 | 21.75 | 21.75 | 21.64 | | |
| 10 | QPSK | 50 | 0 | 21.69 | 21.81 | 21.63 | 23 | 1 |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.90 | 21.71 | | |
| 10 | 16QAM | 1 | 25 | 21.64 | 21.61 | 21.64 | | |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.62 | 21.60 | 22 | 2 |
| 10 | 16QAM | 25 | 0 | 20.72 | 20.93 | 20.81 | | |
| 10 | 16QAM | 25 | 12 | 20.67 | 20.80 | 20.71 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.89 | 20.80 | 22 | 2 |
| 10 | 16QAM | 50 | 0 | 20.79 | 20.94 | 20.81 | | |
| 10 | 64QAM | 1 | 0 | 20.87 | 20.94 | 20.80 | | |
| 10 | 64QAM | 1 | 25 | 20.72 | 20.77 | 20.78 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.60 | 20.82 | 20.68 | | |
| 10 | 64QAM | 25 | 0 | 19.80 | 19.91 | 19.63 | | |
| 10 | 64QAM | 25 | 12 | 19.64 | 19.71 | 19.73 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.69 | 19.64 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.78 | 19.95 | 19.76 | | |
| Channel | | | | 131897 | 132322 | 132647 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.81 | 22.96 | 22.66 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.83 | 22.92 | 22.89 | | |
| 5 | QPSK | 1 | 24 | 22.58 | 22.78 | 22.76 | | |
| 5 | QPSK | 12 | 0 | 21.90 | 21.94 | 21.71 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.76 | 21.69 | 21.72 | | |
| 5 | QPSK | 12 | 13 | 21.79 | 21.80 | 21.71 | | |
| 5 | QPSK | 25 | 0 | 21.68 | 21.77 | 21.56 | 23 | 1 |
| 5 | 16QAM | 1 | 0 | 21.74 | 21.76 | 21.76 | | |
| 5 | 16QAM | 1 | 12 | 21.73 | 21.75 | 21.60 | | |
| 5 | 16QAM | 1 | 24 | 21.51 | 21.63 | 21.58 | 22 | 2 |
| 5 | 16QAM | 12 | 0 | 20.72 | 20.81 | 20.80 | | |
| 5 | 16QAM | 12 | 7 | 20.65 | 20.77 | 20.64 | | |
| 5 | 16QAM | 12 | 13 | 20.89 | 20.79 | 20.80 | 22 | 2 |
| 5 | 16QAM | 25 | 0 | 20.79 | 20.99 | 20.82 | | |
| 5 | 64QAM | 1 | 0 | 20.87 | 20.85 | 20.78 | | |
| 5 | 64QAM | 1 | 12 | 20.73 | 20.79 | 20.85 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.62 | 20.85 | 20.64 | | |
| 5 | 64QAM | 12 | 0 | 19.75 | 19.85 | 19.69 | | |
| 5 | 64QAM | 12 | 7 | 19.54 | 19.75 | 19.73 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.60 | 19.78 | 19.56 | | |
| 5 | 64QAM | 25 | 0 | 19.77 | 19.88 | 19.81 | | |
| Channel | | | | 131987 | 132322 | 132657 | | |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.84 | 22.83 | 22.73 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.73 | 22.91 | 22.80 | | |
| 3 | QPSK | 1 | 14 | 22.60 | 22.82 | 22.73 | | |
| 3 | QPSK | 8 | 0 | 21.81 | 21.87 | 21.80 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.73 | 21.70 | 21.62 | | |
| 3 | QPSK | 8 | 7 | 21.67 | 21.78 | 21.65 | | |
| 3 | QPSK | 15 | 0 | 21.68 | 21.80 | 21.68 | 23 | 1 |
| 3 | 16QAM | 1 | 0 | 21.67 | 21.88 | 21.77 | | |
| 3 | 16QAM | 1 | 8 | 21.62 | 21.74 | 21.71 | | |
| 3 | 16QAM | 1 | 14 | 21.52 | 21.60 | 21.58 | 22 | 2 |
| 3 | 16QAM | 8 | 0 | 20.80 | 20.87 | 20.84 | | |
| 3 | 16QAM | 8 | 4 | 20.67 | 20.71 | 20.62 | | |
| 3 | 16QAM | 8 | 7 | 20.77 | 20.87 | 20.82 | 22 | 2 |
| 3 | 16QAM | 15 | 0 | 20.78 | 20.87 | 20.77 | | |
| 3 | 64QAM | 1 | 0 | 20.85 | 20.85 | 20.84 | | |
| 3 | 64QAM | 1 | 8 | 20.76 | 20.86 | 20.74 | 22 | 2 |
| 3 | 64QAM | 1 | 14 | 20.59 | 20.87 | 20.72 | | |
| 3 | 64QAM | 8 | 0 | 19.75 | 19.89 | 19.66 | | |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.74 | 19.64 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.71 | 19.78 | 19.68 | | |
| 3 | 64QAM | 15 | 0 | 19.80 | 19.85 | 19.76 | | |
| Channel | | | | 131979 | 132322 | 132665 | | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.85 | 22.89 | 22.71 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.78 | 22.88 | 22.82 | | |
| 1.4 | QPSK | 1 | 5 | 22.62 | 22.76 | 22.65 | | |
| 1.4 | QPSK | 3 | 0 | 22.88 | 22.85 | 22.82 | 23 | 1 |
| 1.4 | QPSK | 3 | 1 | 22.68 | 22.73 | 22.73 | | |
| 1.4 | QPSK | 3 | 3 | 22.78 | 22.80 | 22.88 | | |
| 1.4 | QPSK | 6 | 0 | 21.82 | 21.80 | 21.88 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.75 | 21.79 | 21.77 | | |
| 1.4 | 16QAM | 1 | 3 | 21.66 | 21.68 | 21.62 | | |
| 1.4 | 16QAM | 1 | 5 | 21.57 | 21.72 | 21.62 | 23 | 1 |
| 1.4 | 16QAM | 3 | 0 | 21.76 | 21.89 | 21.83 | | |
| 1.4 | 16QAM | 3 | 1 | 21.55 | 21.76 | 21.67 | | |
| 1.4 | 16QAM | 3 | 3 | 21.89 | 21.78 | 21.77 | 22 | 2 |
| 1.4 | 16QAM | 6 | 0 | 20.82 | 20.93 | 20.76 | | |
| 1.4 | 64QAM | 1 | 0 | 20.86 | 20.85 | 20.87 | | |
| 1.4 | 64QAM | 1 | 3 | 20.84 | 20.88 | 20.73 | 22 | 2 |
| 1.4 | 64QAM | 1 | 5 | 20.67 | 20.84 | 20.68 | | |
| 1.4 | 64QAM | 3 | 0 | 20.82 | 20.81 | 20.74 | | |
| 1.4 | 64QAM | 3 | 1 | 20.61 | 20.70 | 20.68 | 21 | 3 |
| 1.4 | 64QAM | 3 | 3 | 20.69 | 20.64 | 20.71 | | |
| 1.4 | 64QAM | 6 | 0 | 19.73 | 19.85 | 19.79 | | |



Band 66 Ant1 DS12

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Middle Ch / Freq. | Power High Ch / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|----|---|
| Channel | | | | 132072 | 132322 | 132572 | | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | | | |
| 20 | QPSK | 1 | 0 | 15.96 | 16.15 | 15.85 | 17 | 0 | | |
| 20 | QPSK | 1 | 49 | 15.83 | 15.92 | 15.97 | | | | |
| 20 | QPSK | 1 | 99 | 15.76 | 15.82 | 15.83 | | | | |
| 20 | QPSK | 50 | 0 | 15.88 | 16.07 | 15.92 | | | | |
| 20 | QPSK | 50 | 24 | 15.81 | 15.85 | 15.72 | | | | |
| 20 | QPSK | 50 | 50 | 15.86 | 15.90 | 15.76 | | | | |
| 20 | QPSK | 100 | 0 | 15.80 | 15.93 | 15.74 | 17 | 0 | | |
| 20 | 16QAM | 1 | 0 | 15.82 | 15.96 | 15.78 | | | | |
| 20 | 16QAM | 1 | 49 | 15.73 | 15.75 | 15.70 | | | | |
| 20 | 16QAM | 1 | 99 | 15.63 | 15.71 | 15.78 | | | | |
| 20 | 16QAM | 50 | 0 | 15.86 | 15.96 | 15.84 | | | | |
| 20 | 16QAM | 50 | 24 | 15.68 | 15.77 | 15.74 | | | | |
| 20 | 16QAM | 50 | 50 | 15.93 | 15.93 | 15.81 | 17 | 0 | | |
| 20 | 16QAM | 100 | 0 | 15.84 | 15.89 | 15.89 | | | | |
| 20 | 64QAM | 1 | 0 | 15.94 | 15.95 | 16.00 | | | | |
| 20 | 64QAM | 1 | 49 | 15.86 | 15.95 | 15.91 | | | | |
| 20 | 64QAM | 1 | 99 | 15.79 | 15.88 | 15.78 | | | | |
| 20 | 64QAM | 50 | 0 | 15.92 | 15.93 | 15.84 | | | | |
| 20 | 64QAM | 50 | 24 | 15.86 | 15.80 | 15.79 | 17 | 0 | | |
| 20 | 64QAM | 50 | 50 | 15.73 | 15.75 | 15.69 | | | | |
| 20 | 64QAM | 100 | 0 | 15.92 | 15.88 | 15.85 | | | | |
| Channel | | | | 132047 | 132322 | 132597 | | | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | | | |
| 15 | QPSK | 1 | 0 | 15.86 | 16.09 | 15.77 | | | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.76 | 15.87 | 15.95 | | | | |
| 15 | QPSK | 1 | 74 | 15.72 | 15.76 | 15.81 | | | | |
| 15 | QPSK | 36 | 0 | 15.84 | 15.98 | 15.86 | | | | |
| 15 | QPSK | 36 | 20 | 15.72 | 15.79 | 15.85 | | | | |
| 15 | QPSK | 36 | 39 | 15.76 | 15.83 | 15.74 | | | | |
| 15 | QPSK | 75 | 0 | 15.70 | 15.85 | 15.71 | 17 | 0 | | |
| 15 | 16QAM | 1 | 0 | 15.77 | 15.87 | 15.75 | | | | |
| 15 | 16QAM | 1 | 37 | 15.67 | 15.68 | 15.66 | | | | |
| 15 | 16QAM | 1 | 74 | 15.54 | 15.62 | 15.70 | | | | |
| 15 | 16QAM | 36 | 0 | 15.82 | 15.87 | 15.88 | | | | |
| 15 | 16QAM | 36 | 20 | 15.66 | 15.69 | 15.72 | | | | |
| 15 | 16QAM | 36 | 39 | 15.88 | 15.87 | 15.78 | 17 | 0 | | |
| 15 | 16QAM | 36 | 39 | 15.76 | 15.86 | 15.81 | | | | |
| 15 | 64QAM | 1 | 0 | 15.87 | 15.87 | 15.97 | | | | |
| 15 | 64QAM | 1 | 37 | 15.80 | 15.89 | 15.82 | | | | |
| 15 | 64QAM | 1 | 74 | 15.69 | 15.81 | 15.69 | | | | |
| 15 | 64QAM | 36 | 0 | 15.88 | 15.91 | 15.80 | | | | |
| 15 | 64QAM | 36 | 20 | 15.61 | 15.71 | 15.69 | 17 | 0 | | |
| 15 | 64QAM | 36 | 39 | 15.68 | 15.66 | 15.61 | | | | |
| 15 | 64QAM | 75 | 0 | 15.88 | 15.84 | 15.79 | | | | |
| Channel | | | | 132022 | 132322 | 132522 | | | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | | | |
| 10 | QPSK | 1 | 0 | 15.87 | 16.06 | 15.76 | | | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.79 | 15.90 | 15.88 | | | | |
| 10 | QPSK | 1 | 49 | 15.67 | 15.77 | 15.74 | | | | |
| 10 | QPSK | 25 | 0 | 15.84 | 15.99 | 15.83 | | | | |
| 10 | QPSK | 25 | 12 | 15.73 | 15.80 | 15.62 | | | | |
| 10 | QPSK | 25 | 25 | 15.83 | 15.85 | 15.69 | | | | |
| 10 | QPSK | 50 | 0 | 15.73 | 15.88 | 15.68 | 17 | 0 | | |
| 10 | 16QAM | 1 | 0 | 15.75 | 15.86 | 15.74 | | | | |
| 10 | 16QAM | 1 | 25 | 15.67 | 15.69 | 15.65 | | | | |
| 10 | 16QAM | 1 | 49 | 15.60 | 15.66 | 15.71 | | | | |
| 10 | 16QAM | 25 | 0 | 15.77 | 15.89 | 15.85 | | | | |
| 10 | 16QAM | 25 | 12 | 15.59 | 15.74 | 15.68 | | | | |
| 10 | 16QAM | 25 | 25 | 15.87 | 15.83 | 15.75 | 17 | 0 | | |
| 10 | 16QAM | 50 | 0 | 15.77 | 15.82 | 15.82 | | | | |
| 10 | 64QAM | 1 | 0 | 15.88 | 15.89 | 15.97 | | | | |
| 10 | 64QAM | 1 | 25 | 15.76 | 15.92 | 15.85 | | | | |
| 10 | 64QAM | 1 | 49 | 15.77 | 15.80 | 15.73 | | | | |
| 10 | 64QAM | 25 | 0 | 15.89 | 15.87 | 15.77 | | | | |
| 10 | 64QAM | 25 | 12 | 15.64 | 15.76 | 15.75 | 17 | 0 | | |
| 10 | 64QAM | 25 | 25 | 15.84 | 15.69 | 15.63 | | | | |
| 10 | 64QAM | 50 | 0 | 15.83 | 15.80 | 15.79 | | | | |
| Channel | | | | 131997 | 132322 | 132647 | | | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | | | |
| 5 | QPSK | 1 | 0 | 15.93 | 16.06 | 15.82 | | | 17 | 0 |
| 5 | QPSK | 1 | 12 | 15.76 | 15.88 | 15.88 | | | | |
| 5 | QPSK | 1 | 24 | 15.69 | 15.75 | 15.75 | | | | |
| 5 | QPSK | 12 | 0 | 15.82 | 16.03 | 15.88 | | | | |
| 5 | QPSK | 12 | 7 | 15.77 | 15.79 | 15.67 | | | | |
| 5 | QPSK | 12 | 13 | 15.83 | 15.81 | 15.74 | | | | |
| 5 | QPSK | 25 | 0 | 15.70 | 15.83 | 15.65 | 17 | 0 | | |
| 5 | 16QAM | 1 | 0 | 15.77 | 15.94 | 15.72 | | | | |
| 5 | 16QAM | 1 | 12 | 15.70 | 15.71 | 15.65 | | | | |
| 5 | 16QAM | 1 | 24 | 15.54 | 15.62 | 15.69 | | | | |
| 5 | 16QAM | 12 | 0 | 15.77 | 15.88 | 15.89 | | | | |
| 5 | 16QAM | 12 | 7 | 15.61 | 15.74 | 15.65 | | | | |
| 5 | 16QAM | 12 | 13 | 15.84 | 15.91 | 15.71 | 17 | 0 | | |
| 5 | 16QAM | 25 | 0 | 15.81 | 15.86 | 15.84 | | | | |
| 5 | 64QAM | 1 | 0 | 15.85 | 15.89 | 15.93 | | | | |
| 5 | 64QAM | 1 | 12 | 15.77 | 15.88 | 15.87 | | | | |
| 5 | 64QAM | 1 | 24 | 15.71 | 15.79 | 15.71 | | | | |
| 5 | 64QAM | 12 | 0 | 15.88 | 15.84 | 15.77 | | | | |
| 5 | 64QAM | 12 | 7 | 15.63 | 15.73 | 15.75 | 17 | 0 | | |
| 5 | 64QAM | 12 | 13 | 15.64 | 15.67 | 15.61 | | | | |
| 5 | 64QAM | 25 | 0 | 15.87 | 15.84 | 15.78 | | | | |
| Channel | | | | 131987 | 132322 | 132657 | | | | |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | | | |
| 3 | QPSK | 1 | 0 | 15.92 | 16.11 | 15.78 | | | 17 | 0 |
| 3 | QPSK | 1 | 8 | 15.80 | 15.85 | 15.94 | | | | |
| 3 | QPSK | 1 | 14 | 15.72 | 15.78 | 15.76 | | | | |
| 3 | QPSK | 8 | 0 | 15.83 | 15.99 | 15.89 | | | | |
| 3 | QPSK | 8 | 4 | 15.78 | 15.77 | 15.65 | | | | |
| 3 | QPSK | 8 | 7 | 15.77 | 15.87 | 15.71 | | | | |
| 3 | QPSK | 15 | 0 | 15.77 | 15.84 | 15.68 | 17 | 0 | | |
| 3 | 16QAM | 1 | 0 | 15.79 | 15.87 | 15.69 | | | | |
| 3 | 16QAM | 1 | 8 | 15.67 | 15.71 | 15.65 | | | | |
| 3 | 16QAM | 1 | 14 | 15.58 | 15.68 | 15.72 | | | | |
| 3 | 16QAM | 8 | 0 | 15.80 | 15.88 | 15.91 | | | | |
| 3 | 16QAM | 8 | 4 | 15.63 | 15.74 | 15.70 | | | | |
| 3 | 16QAM | 8 | 7 | 15.84 | 15.91 | 15.75 | 17 | 0 | | |
| 3 | 16QAM | 15 | 0 | 15.77 | 15.80 | 15.85 | | | | |
| 3 | 64QAM | 1 | 0 | 15.85 | 15.86 | 15.93 | | | | |
| 3 | 64QAM | 1 | 8 | 15.80 | 15.86 | 15.83 | | | | |
| 3 | 64QAM | 1 | 14 | 15.71 | 15.85 | 15.74 | | | | |
| 3 | 64QAM | 8 | 0 | 15.84 | 15.87 | 15.77 | | | | |
| 3 | 64QAM | 8 | 4 | 15.58 | 15.74 | 15.72 | 17 | 0 | | |
| 3 | 64QAM | 8 | 7 | 15.64 | 15.66 | 15.61 | | | | |
| 3 | 64QAM | 15 | 0 | 15.84 | 15.78 | 15.79 | | | | |
| Channel | | | | 131979 | 132322 | 132665 | | | | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 15.92 | 16.06 | 15.80 | | | 17 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.80 | 15.83 | 15.91 | | | | |
| 1.4 | QPSK | 1 | 5 | 15.71 | 15.76 | 15.74 | | | | |
| 1.4 | QPSK | 3 | 0 | 15.82 | 16.03 | 15.84 | | | | |
| 1.4 | QPSK | 3 | 1 | 15.72 | 15.77 | 15.70 | | | | |
| 1.4 | QPSK | 3 | 3 | 15.78 | 15.84 | 15.69 | | | | |
| 1.4 | QPSK | 6 | 0 | 15.74 | 15.91 | 15.67 | 17 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 15.79 | 15.91 | 15.71 | | | | |
| 1.4 | 16QAM | 1 | 3 | 15.67 | 15.66 | 15.64 | | | | |
| 1.4 | 16QAM | 1 | 5 | 15.59 | 15.64 | 15.72 | | | | |
| 1.4 | 16QAM | 3 | 0 | 15.81 | 15.93 | 15.86 | | | | |
| 1.4 | 16QAM | 3 | 1 | 15.68 | 15.75 | 15.67 | | | | |
| 1.4 | 16QAM | 3 | 3 | 15.86 | 15.87 | 15.73 | 17 | 0 | | |
| 1.4 | 16QAM | 6 | 0 | 15.78 | 15.87 | 15.81 | | | | |
| 1.4 | 64QAM | 1 | 0 | 15.87 | 15.92 | 15.93 | | | | |
| 1.4 | 64QAM | 1 | 3 | 15.78 | 15.91 | 15.81 | | | | |
| 1.4 | 64QAM | 1 | 5 | 15.72 | 15.84 | 15.74 | | | | |
| 1.4 | 64QAM | 3 | 0 | 15.89 | 15.84 | 15.82 | | | | |
| 1.4 | 64QAM | 3 | 1 | 15.57 | 15.79 | 15.71 | 17 | 0 | | |
| 1.4 | 64QAM | 3 | 3 | 15.67 | 15.66 | 15.67 | | | | |
| 1.4 | 64QAM | 6 | 0 | 15.87 | 15.79 | 15.77 | | | | |



Band 66 Ant1 DSI3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dbm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 16.00 | 16.10 | 15.80 | | |
| 20 | QPSK | 1 | 49 | 15.81 | 15.98 | 16.01 | 17 | 0 |
| 20 | QPSK | 1 | 99 | 15.75 | 15.78 | 15.80 | | |
| 20 | QPSK | 50 | 0 | 15.89 | 15.95 | 15.87 | | |
| 20 | QPSK | 50 | 24 | 15.80 | 15.82 | 15.69 | 17 | 0 |
| 20 | QPSK | 50 | 50 | 15.89 | 15.94 | 15.76 | | |
| 20 | QPSK | 100 | 0 | 15.77 | 15.89 | 15.71 | | |
| 20 | 16QAM | 1 | 0 | 15.78 | 15.96 | 15.80 | | |
| 20 | 16QAM | 1 | 49 | 15.78 | 15.70 | 15.75 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 15.68 | 15.68 | 15.77 | | |
| 20 | 16QAM | 50 | 0 | 15.84 | 15.92 | 15.91 | | |
| 20 | 16QAM | 50 | 24 | 15.71 | 15.81 | 15.71 | 17 | 0 |
| 20 | 16QAM | 50 | 50 | 15.94 | 15.92 | 15.84 | | |
| 20 | 16QAM | 100 | 0 | 15.89 | 15.83 | 15.95 | | |
| 20 | 64QAM | 1 | 0 | 15.99 | 15.95 | 16.00 | | |
| 20 | 64QAM | 1 | 49 | 15.91 | 15.97 | 15.93 | 17 | 0 |
| 20 | 64QAM | 1 | 99 | 15.75 | 15.84 | 15.73 | | |
| 20 | 64QAM | 50 | 0 | 15.93 | 15.99 | 15.82 | | |
| 20 | 64QAM | 50 | 24 | 15.67 | 15.78 | 15.75 | 17 | 0 |
| 20 | 64QAM | 50 | 50 | 15.68 | 15.76 | 15.68 | | |
| 20 | 64QAM | 100 | 0 | 15.87 | 15.89 | 15.82 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 132047 | 132322 | 132597 | Tune-up limit (dbm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 15.94 | 16.03 | 15.76 | | |
| 15 | QPSK | 1 | 37 | 15.74 | 15.86 | 15.84 | 17 | 0 |
| 15 | QPSK | 1 | 74 | 15.73 | 15.71 | 15.67 | | |
| 15 | QPSK | 36 | 0 | 15.85 | 15.92 | 15.78 | | |
| 15 | QPSK | 36 | 20 | 15.75 | 15.78 | 15.64 | 17 | 0 |
| 15 | QPSK | 36 | 39 | 15.76 | 15.82 | 15.74 | | |
| 15 | QPSK | 75 | 0 | 15.74 | 15.77 | 15.65 | | |
| 15 | 16QAM | 1 | 0 | 15.65 | 15.88 | 15.77 | | |
| 15 | 16QAM | 1 | 37 | 15.68 | 15.58 | 15.70 | 17 | 0 |
| 15 | 16QAM | 1 | 74 | 15.61 | 15.59 | 15.68 | | |
| 15 | 16QAM | 36 | 0 | 15.80 | 15.86 | 15.78 | | |
| 15 | 16QAM | 36 | 20 | 15.65 | 15.68 | 15.65 | 17 | 0 |
| 15 | 16QAM | 36 | 39 | 15.81 | 15.86 | 15.76 | | |
| 15 | 16QAM | 75 | 0 | 15.78 | 15.74 | 15.83 | | |
| 15 | 64QAM | 1 | 0 | 15.99 | 15.97 | 15.89 | | |
| 15 | 64QAM | 1 | 37 | 15.77 | 15.91 | 15.88 | 17 | 0 |
| 15 | 64QAM | 1 | 74 | 15.64 | 15.81 | 15.64 | | |
| 15 | 64QAM | 36 | 0 | 15.80 | 15.89 | 15.78 | | |
| 15 | 64QAM | 36 | 20 | 15.55 | 15.67 | 15.65 | 17 | 0 |
| 15 | 64QAM | 36 | 39 | 15.57 | 15.65 | 15.58 | | |
| 15 | 64QAM | 75 | 0 | 15.75 | 15.82 | 15.80 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 132022 | 132322 | 132622 | Tune-up limit (dbm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 15.90 | 16.05 | 15.70 | | |
| 10 | QPSK | 1 | 25 | 15.73 | 15.92 | 15.96 | 17 | 0 |
| 10 | QPSK | 1 | 49 | 15.63 | 15.70 | 15.72 | | |
| 10 | QPSK | 25 | 0 | 15.80 | 15.94 | 15.79 | | |
| 10 | QPSK | 25 | 12 | 15.74 | 15.69 | 15.66 | 17 | 0 |
| 10 | QPSK | 25 | 25 | 15.81 | 15.85 | 15.63 | | |
| 10 | QPSK | 50 | 0 | 15.67 | 15.82 | 15.68 | | |
| 10 | 16QAM | 1 | 0 | 15.65 | 15.84 | 15.66 | | |
| 10 | 16QAM | 1 | 25 | 15.74 | 15.64 | 15.65 | 17 | 0 |
| 10 | 16QAM | 1 | 49 | 15.64 | 15.57 | 15.72 | | |
| 10 | 16QAM | 25 | 0 | 15.82 | 15.85 | 15.66 | | |
| 10 | 16QAM | 25 | 12 | 15.65 | 15.71 | 15.63 | 17 | 0 |
| 10 | 16QAM | 25 | 25 | 15.80 | 15.79 | 15.73 | | |
| 10 | 16QAM | 50 | 0 | 15.87 | 15.72 | 15.90 | | |
| 10 | 64QAM | 1 | 0 | 15.94 | 15.82 | 15.87 | | |
| 10 | 64QAM | 1 | 25 | 15.80 | 15.84 | 15.89 | 17 | 0 |
| 10 | 64QAM | 1 | 49 | 15.70 | 15.80 | 15.62 | | |
| 10 | 64QAM | 25 | 0 | 15.81 | 15.89 | 15.69 | | |
| 10 | 64QAM | 25 | 12 | 15.56 | 15.71 | 15.69 | 17 | 0 |
| 10 | 64QAM | 25 | 25 | 15.59 | 15.67 | 15.57 | | |
| 10 | 64QAM | 50 | 0 | 15.73 | 15.77 | 15.79 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 131997 | 132322 | 132647 | Tune-up limit (dbm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 15.92 | 16.00 | 15.71 | | |
| 5 | QPSK | 1 | 12 | 15.73 | 15.94 | 15.90 | 17 | 0 |
| 5 | QPSK | 1 | 24 | 15.70 | 15.65 | 15.77 | | |
| 5 | QPSK | 12 | 0 | 15.82 | 15.91 | 15.74 | | |
| 5 | QPSK | 12 | 7 | 15.66 | 15.73 | 15.59 | 17 | 0 |
| 5 | QPSK | 12 | 13 | 15.80 | 15.89 | 15.70 | | |
| 5 | QPSK | 25 | 0 | 15.73 | 15.87 | 15.66 | | |
| 5 | 16QAM | 1 | 0 | 15.75 | 15.89 | 15.70 | | |
| 5 | 16QAM | 1 | 12 | 15.67 | 15.57 | 15.71 | 17 | 0 |
| 5 | 16QAM | 1 | 24 | 15.63 | 15.61 | 15.71 | | |
| 5 | 16QAM | 12 | 0 | 15.72 | 15.81 | 15.86 | | |
| 5 | 16QAM | 12 | 7 | 15.58 | 15.68 | 15.57 | 17 | 0 |
| 5 | 16QAM | 12 | 13 | 15.89 | 15.84 | 15.76 | | |
| 5 | 16QAM | 25 | 0 | 15.86 | 15.79 | 15.82 | | |
| 5 | 64QAM | 1 | 0 | 15.89 | 15.84 | 15.96 | | |
| 5 | 64QAM | 1 | 12 | 15.88 | 15.91 | 15.84 | 17 | 0 |
| 5 | 64QAM | 1 | 24 | 15.62 | 15.79 | 15.63 | | |
| 5 | 64QAM | 12 | 0 | 15.90 | 15.88 | 15.72 | | |
| 5 | 64QAM | 12 | 7 | 15.59 | 15.72 | 15.69 | 17 | 0 |
| 5 | 64QAM | 12 | 13 | 15.55 | 15.62 | 15.63 | | |
| 5 | 64QAM | 25 | 0 | 15.76 | 15.75 | 15.79 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 131997 | 132322 | 132657 | Tune-up limit (dbm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 15.92 | 16.03 | 15.68 | | |
| 3 | QPSK | 1 | 8 | 15.75 | 15.89 | 15.90 | 17 | 0 |
| 3 | QPSK | 1 | 14 | 15.71 | 15.72 | 15.76 | | |
| 3 | QPSK | 8 | 0 | 15.78 | 16.01 | 15.83 | | |
| 3 | QPSK | 8 | 4 | 15.75 | 15.70 | 15.59 | 17 | 0 |
| 3 | QPSK | 8 | 7 | 15.77 | 15.90 | 15.67 | | |
| 3 | QPSK | 15 | 0 | 15.72 | 15.86 | 15.66 | | |
| 3 | 16QAM | 1 | 0 | 15.71 | 15.90 | 15.71 | 17 | 0 |
| 3 | 16QAM | 1 | 8 | 15.72 | 15.65 | 15.62 | | |
| 3 | 16QAM | 1 | 14 | 15.55 | 15.62 | 15.66 | | |
| 3 | 16QAM | 8 | 0 | 15.77 | 15.79 | 15.84 | | |
| 3 | 16QAM | 8 | 4 | 15.62 | 15.73 | 15.68 | 17 | 0 |
| 3 | 16QAM | 8 | 7 | 15.91 | 15.80 | 15.73 | | |
| 3 | 16QAM | 15 | 0 | 15.79 | 15.78 | 15.83 | | |
| 3 | 64QAM | 1 | 0 | 15.96 | 15.85 | 15.94 | | |
| 3 | 64QAM | 1 | 8 | 15.82 | 15.91 | 15.87 | 17 | 0 |
| 3 | 64QAM | 1 | 14 | 15.63 | 15.81 | 15.69 | | |
| 3 | 64QAM | 8 | 0 | 15.82 | 15.95 | 15.72 | | |
| 3 | 64QAM | 8 | 4 | 15.61 | 15.74 | 15.63 | 17 | 0 |
| 3 | 64QAM | 8 | 7 | 15.55 | 15.69 | 15.60 | | |
| 3 | 64QAM | 15 | 0 | 15.78 | 15.86 | 15.74 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 131979 | 132322 | 132665 | Tune-up limit (dbm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.91 | 16.07 | 15.71 | | |
| 1.4 | QPSK | 1 | 3 | 15.76 | 15.84 | 15.88 | 17 | 0 |
| 1.4 | QPSK | 1 | 5 | 15.66 | 15.68 | 15.72 | | |
| 1.4 | QPSK | 3 | 0 | 15.87 | 15.94 | 15.76 | | |
| 1.4 | QPSK | 3 | 1 | 15.74 | 15.72 | 15.62 | | |
| 1.4 | QPSK | 3 | 3 | 15.82 | 15.87 | 15.67 | | |
| 1.4 | QPSK | 6 | 0 | 15.73 | 15.79 | 15.66 | 17 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.67 | 15.93 | 15.77 | | |
| 1.4 | 16QAM | 1 | 3 | 15.68 | 15.60 | 15.71 | | |
| 1.4 | 16QAM | 1 | 5 | 15.56 | 15.56 | 15.66 | 17 | 0 |
| 1.4 | 16QAM | 3 | 0 | 15.76 | 15.78 | 15.85 | | |
| 1.4 | 16QAM | 3 | 1 | 15.62 | 15.68 | 15.68 | | |
| 1.4 | 16QAM | 3 | 3 | 15.82 | 15.82 | 15.76 | | |
| 1.4 | 16QAM | 6 | 0 | 15.81 | 15.78 | 15.83 | 17 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.88 | 15.81 | 15.96 | | |
| 1.4 | 64QAM | 1 | 3 | 15.87 | 15.84 | 15.80 | | |
| 1.4 | 64QAM | 1 | 5 | 15.68 | 15.72 | 15.65 | 17 | 0 |
| 1.4 | 64QAM | 3 | 0 | 15.80 | 15.85 | 15.69 | | |
| 1.4 | 64QAM | 3 | 1 | 15.63 | 15.76 | 15.71 | | |
| 1.4 | 64QAM | 3 | 3 | 15.61 | 15.63 | 15.58 | | |
| 1.4 | 64QAM | 6 | 0 | 15.77 | 15.82 | 15.78 | 17 | 0 |



Band 66 Ant1 DSI6

| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 21.95 | 22.04 | 21.90 | | |
| 20 | QPSK | 1 | 49 | 21.88 | 21.96 | 22.02 | 23 | 0 |
| 20 | QPSK | 1 | 99 | 21.74 | 21.89 | 21.81 | | |
| 20 | QPSK | 50 | 0 | 21.92 | 21.97 | 21.86 | | |
| 20 | QPSK | 50 | 24 | 21.80 | 21.86 | 21.77 | 23 | 0 |
| 20 | QPSK | 50 | 50 | 21.83 | 21.90 | 21.76 | | |
| 20 | QPSK | 100 | 0 | 21.85 | 21.88 | 21.72 | | |
| 20 | 16QAM | 1 | 0 | 21.81 | 21.92 | 21.81 | | |
| 20 | 16QAM | 1 | 49 | 21.75 | 21.78 | 21.74 | 23 | 0 |
| 20 | 16QAM | 1 | 99 | 21.67 | 21.76 | 21.73 | | |
| 20 | 16QAM | 50 | 0 | 20.89 | 20.98 | 20.93 | | |
| 20 | 16QAM | 50 | 24 | 20.71 | 20.83 | 20.75 | 22 | 1 |
| 20 | 16QAM | 50 | 50 | 20.91 | 20.93 | 20.84 | | |
| 20 | 16QAM | 100 | 0 | 20.87 | 21.03 | 20.90 | | |
| 20 | 64QAM | 1 | 0 | 20.92 | 21.00 | 20.95 | | |
| 20 | 64QAM | 1 | 49 | 20.86 | 20.90 | 20.87 | 22 | 1 |
| 20 | 64QAM | 1 | 99 | 20.74 | 20.89 | 20.80 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.94 | 19.80 | | |
| 20 | 64QAM | 50 | 24 | 19.69 | 19.83 | 19.80 | 21 | 2 |
| 20 | 64QAM | 50 | 50 | 19.74 | 19.81 | 19.73 | | |
| 20 | 64QAM | 100 | 0 | 19.86 | 20.01 | 19.86 | | |
| Channel | | | | 132047 | 132322 | 132597 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 21.88 | 21.98 | 21.78 | | |
| 15 | QPSK | 1 | 37 | 21.81 | 21.90 | 21.91 | 23 | 0 |
| 15 | QPSK | 1 | 74 | 21.67 | 21.80 | 21.68 | | |
| 15 | QPSK | 36 | 0 | 21.84 | 21.84 | 21.83 | | |
| 15 | QPSK | 36 | 20 | 21.72 | 21.82 | 21.62 | 23 | 0 |
| 15 | QPSK | 36 | 39 | 21.68 | 21.82 | 21.73 | | |
| 15 | QPSK | 75 | 0 | 21.81 | 21.83 | 21.60 | | |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.88 | 21.79 | | |
| 15 | 16QAM | 1 | 37 | 21.73 | 21.62 | 21.68 | 23 | 0 |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.66 | 21.65 | | |
| 15 | 16QAM | 36 | 0 | 20.81 | 20.84 | 20.87 | | |
| 15 | 16QAM | 36 | 20 | 20.57 | 20.74 | 20.61 | 22 | 1 |
| 15 | 16QAM | 36 | 39 | 20.76 | 20.88 | 20.81 | | |
| 15 | 16QAM | 75 | 0 | 20.84 | 20.94 | 20.77 | | |
| 15 | 64QAM | 1 | 0 | 20.79 | 20.96 | 20.92 | | |
| 15 | 64QAM | 1 | 37 | 20.71 | 20.75 | 20.75 | 22 | 1 |
| 15 | 64QAM | 1 | 74 | 20.59 | 20.78 | 20.64 | | |
| 15 | 64QAM | 36 | 0 | 19.71 | 19.85 | 19.74 | | |
| 15 | 64QAM | 36 | 20 | 19.54 | 19.80 | 19.70 | 21 | 2 |
| 15 | 64QAM | 36 | 39 | 19.57 | 19.69 | 19.59 | | |
| 15 | 64QAM | 75 | 0 | 19.82 | 19.91 | 19.72 | | |
| Channel | | | | 132022 | 132322 | 132622 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 21.83 | 21.98 | 21.80 | | |
| 10 | QPSK | 1 | 25 | 21.79 | 21.92 | 21.98 | 23 | 0 |
| 10 | QPSK | 1 | 49 | 21.62 | 21.80 | 21.72 | | |
| 10 | QPSK | 25 | 0 | 21.84 | 21.84 | 21.79 | | |
| 10 | QPSK | 25 | 12 | 21.78 | 21.70 | 21.75 | 23 | 0 |
| 10 | QPSK | 25 | 25 | 21.75 | 21.75 | 21.64 | | |
| 10 | QPSK | 50 | 0 | 21.69 | 21.81 | 21.63 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.90 | 21.71 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.64 | 21.61 | 21.64 | | |
| 10 | 16QAM | 1 | 49 | 21.59 | 21.62 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.72 | 20.93 | 20.81 | | |
| 10 | 16QAM | 25 | 12 | 20.67 | 20.80 | 20.71 | 22 | 1 |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.89 | 20.80 | | |
| 10 | 16QAM | 50 | 0 | 20.79 | 20.94 | 20.81 | | |
| 10 | 64QAM | 1 | 0 | 20.87 | 20.94 | 20.80 | | |
| 10 | 64QAM | 1 | 25 | 20.72 | 20.77 | 20.78 | 22 | 1 |
| 10 | 64QAM | 1 | 49 | 20.60 | 20.82 | 20.68 | | |
| 10 | 64QAM | 25 | 0 | 19.80 | 19.91 | 19.63 | | |
| 10 | 64QAM | 25 | 12 | 19.64 | 19.71 | 19.73 | 21 | 2 |
| 10 | 64QAM | 25 | 25 | 19.69 | 19.64 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.73 | 19.65 | 19.76 | | |
| Channel | | | | 131997 | 132322 | 132647 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 21.86 | 21.94 | 21.79 | | |
| 5 | QPSK | 1 | 12 | 21.79 | 21.88 | 21.93 | 23 | 0 |
| 5 | QPSK | 1 | 24 | 21.63 | 21.79 | 21.78 | | |
| 5 | QPSK | 12 | 0 | 21.90 | 21.94 | 21.71 | | |
| 5 | QPSK | 12 | 7 | 21.76 | 21.69 | 21.72 | 23 | 0 |
| 5 | QPSK | 12 | 13 | 21.79 | 21.80 | 21.71 | | |
| 5 | QPSK | 25 | 0 | 21.68 | 21.77 | 21.58 | | |
| 5 | 16QAM | 1 | 0 | 21.74 | 21.76 | 21.78 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.73 | 21.75 | 21.60 | | |
| 5 | 16QAM | 1 | 24 | 21.51 | 21.63 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.72 | 20.81 | 20.80 | | |
| 5 | 16QAM | 12 | 7 | 20.65 | 20.77 | 20.64 | 22 | 1 |
| 5 | 16QAM | 12 | 13 | 20.89 | 20.79 | 20.80 | | |
| 5 | 16QAM | 25 | 0 | 20.79 | 20.99 | 20.82 | | |
| 5 | 64QAM | 1 | 0 | 20.87 | 20.85 | 20.78 | | |
| 5 | 64QAM | 1 | 12 | 20.73 | 20.79 | 20.85 | 22 | 1 |
| 5 | 64QAM | 1 | 24 | 20.62 | 20.85 | 20.64 | | |
| 5 | 64QAM | 12 | 0 | 19.75 | 19.85 | 19.69 | | |
| 5 | 64QAM | 12 | 7 | 19.54 | 19.75 | 19.73 | 21 | 2 |
| 5 | 64QAM | 12 | 13 | 19.60 | 19.78 | 19.56 | | |
| 5 | 64QAM | 25 | 0 | 19.77 | 19.88 | 19.81 | | |
| Channel | | | | 131987 | 132322 | 132657 | | |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 21.88 | 21.98 | 21.82 | | |
| 3 | QPSK | 1 | 8 | 21.82 | 21.86 | 21.97 | 23 | 0 |
| 3 | QPSK | 1 | 14 | 21.62 | 21.84 | 21.78 | | |
| 3 | QPSK | 8 | 0 | 21.81 | 21.87 | 21.80 | | |
| 3 | QPSK | 8 | 4 | 21.73 | 21.70 | 21.62 | 23 | 0 |
| 3 | QPSK | 8 | 7 | 21.67 | 21.78 | 21.65 | | |
| 3 | QPSK | 15 | 0 | 21.68 | 21.80 | 21.68 | | |
| 3 | 16QAM | 1 | 0 | 21.67 | 21.88 | 21.77 | | |
| 3 | 16QAM | 1 | 8 | 21.62 | 21.74 | 21.71 | 23 | 0 |
| 3 | 16QAM | 1 | 14 | 21.52 | 21.60 | 21.58 | | |
| 3 | 16QAM | 8 | 0 | 20.80 | 20.87 | 20.84 | | |
| 3 | 16QAM | 8 | 4 | 20.67 | 20.71 | 20.62 | 22 | 1 |
| 3 | 16QAM | 8 | 7 | 20.77 | 20.87 | 20.82 | | |
| 3 | 16QAM | 15 | 0 | 20.78 | 20.87 | 20.77 | | |
| 3 | 64QAM | 1 | 0 | 20.85 | 20.85 | 20.84 | | |
| 3 | 64QAM | 1 | 8 | 20.76 | 20.86 | 20.74 | 22 | 1 |
| 3 | 64QAM | 1 | 14 | 20.59 | 20.87 | 20.72 | | |
| 3 | 64QAM | 8 | 0 | 19.75 | 19.89 | 19.66 | | |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.74 | 19.64 | 21 | 2 |
| 3 | 64QAM | 8 | 7 | 19.71 | 19.79 | 19.68 | | |
| 3 | 64QAM | 15 | 0 | 19.80 | 19.85 | 19.76 | | |
| Channel | | | | 131979 | 132322 | 132695 | | |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.89 | 21.97 | 21.83 | | |
| 1.4 | QPSK | 1 | 3 | 21.75 | 21.88 | 21.96 | 23 | 0 |
| 1.4 | QPSK | 1 | 5 | 21.65 | 21.78 | 21.71 | | |
| 1.4 | QPSK | 3 | 0 | 21.87 | 21.97 | 21.86 | | |
| 1.4 | QPSK | 3 | 1 | 21.85 | 21.83 | 21.95 | | |
| 1.4 | QPSK | 3 | 3 | 21.65 | 21.86 | 21.70 | 23 | 0 |
| 1.4 | QPSK | 6 | 0 | 21.82 | 21.80 | 21.68 | | |
| 1.4 | 16QAM | 1 | 0 | 21.75 | 21.79 | 21.77 | | |
| 1.4 | 16QAM | 1 | 3 | 21.66 | 21.68 | 21.62 | 23 | 0 |
| 1.4 | 16QAM | 1 | 5 | 21.57 | 21.72 | 21.62 | | |
| 1.4 | 16QAM | 3 | 0 | 21.76 | 21.89 | 21.83 | | |
| 1.4 | 16QAM | 3 | 1 | 21.55 | 21.76 | 21.67 | | |
| 1.4 | 16QAM | 3 | 3 | 21.89 | 21.78 | 21.77 | | |
| 1.4 | 16QAM | 6 | 0 | 20.82 | 20.93 | 20.76 | 22 | 1 |
| 1.4 | 64QAM | 1 | 0 | 20.88 | 20.85 | 20.87 | | |
| 1.4 | 64QAM | 1 | 3 | 20.84 | 20.88 | 20.73 | | |
| 1.4 | 64QAM | 1 | 5 | 20.67 | 20.84 | 20.68 | 22 | 1 |
| 1.4 | 64QAM | 3 | 0 | 20.82 | 20.81 | 20.74 | | |
| 1.4 | 64QAM | 3 | 1 | 20.61 | 20.70 | 20.68 | | |
| 1.4 | 64QAM | 3 | 3 | 20.69 | 20.64 | 20.71 | | |
| 1.4 | 64QAM | 6 | 0 | 19.73 | 19.85 | 19.79 | 21 | 2 |



Reduced Power Mode for DS17 Other PA

Band 2 Ant1 DS17

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (dBm), Power Middle Ch. (dBm), Power High Ch. (dBm), Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 4 Ant1 DS17

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (dBm), Power Middle Ch. (dBm), Power High Ch. (dBm), Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).

Band 7 Ant1 DS17

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (dBm), Power Middle Ch. (dBm), Power High Ch. (dBm), Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz).



Band 66 Ant1 DS17

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|----------------|-------------------|-----------------|---------------------|----------|
| | | | | Low Ch. / Freq | Middle Ch. / Freq | High Ch. / Freq | | |
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 16.00 | 16.10 | 15.80 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.81 | 15.98 | 16.01 | | |
| 20 | QPSK | 1 | 99 | 15.75 | 15.78 | 15.80 | | |
| 20 | QPSK | 50 | 0 | 15.89 | 15.05 | 15.87 | 17 | 0 |
| 20 | QPSK | 50 | 24 | 15.80 | 15.92 | 15.69 | | |
| 20 | QPSK | 50 | 50 | 15.89 | 15.04 | 15.76 | | |
| 20 | QPSK | 100 | 0 | 15.77 | 15.89 | 15.71 | 17 | 0 |
| 20 | 16QAM | 1 | 0 | 15.78 | 15.86 | 15.80 | | |
| 20 | 16QAM | 1 | 49 | 15.78 | 15.70 | 15.75 | | |
| 20 | 16QAM | 1 | 99 | 15.68 | 15.68 | 15.77 | 17 | 0 |
| 20 | 16QAM | 50 | 0 | 15.84 | 15.92 | 15.91 | | |
| 20 | 16QAM | 50 | 24 | 15.71 | 15.81 | 15.71 | | |
| 20 | 16QAM | 50 | 50 | 15.94 | 15.92 | 15.84 | 17 | 0 |
| 20 | 16QAM | 100 | 0 | 15.89 | 15.83 | 15.95 | | |
| 20 | 64QAM | 1 | 0 | 15.99 | 15.95 | 16.00 | | |
| 20 | 64QAM | 1 | 49 | 15.91 | 15.97 | 15.93 | 17 | 0 |
| 20 | 64QAM | 1 | 99 | 15.75 | 15.84 | 15.73 | | |
| 20 | 64QAM | 50 | 0 | 15.93 | 15.99 | 15.82 | | |
| 20 | 64QAM | 50 | 24 | 15.67 | 15.78 | 15.75 | 17 | 0 |
| 20 | 64QAM | 50 | 50 | 15.68 | 15.76 | 15.68 | | |
| 20 | 64QAM | 100 | 0 | 15.87 | 15.89 | 15.82 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 15.94 | 16.03 | 15.76 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.74 | 15.86 | 15.94 | | |
| 15 | QPSK | 1 | 74 | 15.73 | 15.71 | 15.67 | | |
| 15 | QPSK | 36 | 0 | 15.85 | 15.92 | 15.78 | 17 | 0 |
| 15 | QPSK | 36 | 20 | 15.75 | 15.78 | 15.64 | | |
| 15 | QPSK | 36 | 39 | 15.76 | 15.82 | 15.74 | | |
| 15 | QPSK | 75 | 0 | 15.74 | 15.77 | 15.65 | 17 | 0 |
| 15 | 16QAM | 1 | 0 | 15.65 | 15.86 | 15.77 | | |
| 15 | 16QAM | 1 | 37 | 15.68 | 15.58 | 15.70 | | |
| 15 | 16QAM | 1 | 74 | 15.61 | 15.59 | 15.68 | 17 | 0 |
| 15 | 16QAM | 36 | 0 | 15.80 | 15.86 | 15.78 | | |
| 15 | 16QAM | 36 | 20 | 15.65 | 15.68 | 15.65 | | |
| 15 | 16QAM | 36 | 39 | 15.81 | 15.86 | 15.76 | 17 | 0 |
| 15 | 16QAM | 75 | 0 | 15.78 | 15.74 | 15.63 | | |
| 15 | 64QAM | 1 | 0 | 15.89 | 15.87 | 15.89 | | |
| 15 | 64QAM | 1 | 37 | 15.77 | 15.91 | 15.88 | 17 | 0 |
| 15 | 64QAM | 1 | 74 | 15.64 | 15.81 | 15.64 | | |
| 15 | 64QAM | 36 | 0 | 15.80 | 15.89 | 15.78 | | |
| 15 | 64QAM | 36 | 20 | 15.55 | 15.67 | 15.65 | 17 | 0 |
| 15 | 64QAM | 36 | 39 | 15.57 | 15.65 | 15.58 | | |
| 15 | 64QAM | 75 | 0 | 15.75 | 15.82 | 15.80 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 15.90 | 16.05 | 15.70 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.73 | 15.92 | 15.96 | | |
| 10 | QPSK | 1 | 49 | 15.63 | 15.70 | 15.72 | | |
| 10 | QPSK | 25 | 0 | 15.80 | 15.94 | 15.79 | 17 | 0 |
| 10 | QPSK | 25 | 12 | 15.74 | 15.69 | 15.66 | | |
| 10 | QPSK | 25 | 25 | 15.81 | 15.85 | 15.63 | | |
| 10 | QPSK | 50 | 0 | 15.67 | 15.82 | 15.68 | 17 | 0 |
| 10 | 16QAM | 1 | 0 | 15.65 | 15.84 | 15.66 | | |
| 10 | 16QAM | 1 | 25 | 15.74 | 15.64 | 15.65 | | |
| 10 | 16QAM | 1 | 49 | 15.64 | 15.57 | 15.72 | 17 | 0 |
| 10 | 16QAM | 25 | 0 | 15.82 | 15.85 | 15.86 | | |
| 10 | 16QAM | 25 | 12 | 15.65 | 15.71 | 15.63 | | |
| 10 | 16QAM | 25 | 25 | 15.80 | 15.79 | 15.73 | 17 | 0 |
| 10 | 16QAM | 50 | 0 | 15.87 | 15.72 | 15.90 | | |
| 10 | 64QAM | 1 | 0 | 15.94 | 15.82 | 15.87 | | |
| 10 | 64QAM | 1 | 25 | 15.80 | 15.84 | 15.89 | 17 | 0 |
| 10 | 64QAM | 1 | 49 | 15.70 | 15.80 | 15.62 | | |
| 10 | 64QAM | 25 | 0 | 15.81 | 15.89 | 15.69 | | |
| 10 | 64QAM | 25 | 12 | 15.56 | 15.71 | 15.69 | 17 | 0 |
| 10 | 64QAM | 25 | 25 | 15.59 | 15.67 | 15.67 | | |
| 10 | 64QAM | 50 | 0 | 15.73 | 15.77 | 15.79 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 15.92 | 16.00 | 15.71 | 17 | 0 |
| 5 | QPSK | 1 | 12 | 15.73 | 15.94 | 15.90 | | |
| 5 | QPSK | 1 | 24 | 15.70 | 15.65 | 15.77 | | |
| 5 | QPSK | 12 | 0 | 15.82 | 15.91 | 15.74 | 17 | 0 |
| 5 | QPSK | 12 | 7 | 15.66 | 15.73 | 15.59 | | |
| 5 | QPSK | 12 | 13 | 15.90 | 15.89 | 15.70 | | |
| 5 | QPSK | 25 | 0 | 15.73 | 15.87 | 15.66 | 17 | 0 |
| 5 | 16QAM | 1 | 0 | 15.75 | 15.89 | 15.70 | | |
| 5 | 16QAM | 1 | 12 | 15.67 | 15.57 | 15.71 | | |
| 5 | 16QAM | 1 | 24 | 15.63 | 15.61 | 15.71 | 17 | 0 |
| 5 | 16QAM | 12 | 0 | 15.72 | 15.81 | 15.86 | | |
| 5 | 16QAM | 12 | 7 | 15.58 | 15.68 | 15.57 | | |
| 5 | 16QAM | 12 | 13 | 15.89 | 15.84 | 15.76 | 17 | 0 |
| 5 | 16QAM | 25 | 0 | 15.86 | 15.78 | 15.82 | | |
| 5 | 64QAM | 1 | 0 | 15.89 | 15.84 | 15.96 | | |
| 5 | 64QAM | 1 | 12 | 15.88 | 15.91 | 15.84 | 17 | 0 |
| 5 | 64QAM | 1 | 24 | 15.62 | 15.79 | 15.63 | | |
| 5 | 64QAM | 12 | 0 | 15.90 | 15.88 | 15.72 | | |
| 5 | 64QAM | 12 | 7 | 15.59 | 15.72 | 15.69 | 17 | 0 |
| 5 | 64QAM | 12 | 13 | 15.55 | 15.62 | 15.63 | | |
| 5 | 64QAM | 25 | 0 | 15.76 | 15.75 | 15.79 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1772.5 | | |
| 3 | QPSK | 1 | 0 | 15.92 | 16.08 | 15.68 | 17 | 0 |
| 3 | QPSK | 1 | 8 | 15.75 | 15.89 | 15.90 | | |
| 3 | QPSK | 1 | 14 | 15.71 | 15.72 | 15.76 | | |
| 3 | QPSK | 8 | 0 | 15.78 | 16.01 | 15.83 | 17 | 0 |
| 3 | QPSK | 8 | 4 | 15.75 | 15.70 | 15.59 | | |
| 3 | QPSK | 8 | 7 | 15.77 | 15.90 | 15.67 | | |
| 3 | QPSK | 15 | 0 | 15.72 | 15.86 | 15.66 | 17 | 0 |
| 3 | 16QAM | 1 | 0 | 15.71 | 15.90 | 15.71 | | |
| 3 | 16QAM | 1 | 8 | 15.72 | 15.65 | 15.62 | | |
| 3 | 16QAM | 1 | 14 | 15.55 | 15.62 | 15.66 | 17 | 0 |
| 3 | 16QAM | 8 | 0 | 15.77 | 15.79 | 15.84 | | |
| 3 | 16QAM | 8 | 4 | 15.62 | 15.73 | 15.68 | | |
| 3 | 16QAM | 8 | 7 | 15.91 | 15.80 | 15.73 | 17 | 0 |
| 3 | 16QAM | 15 | 0 | 15.79 | 15.78 | 15.83 | | |
| 3 | 64QAM | 1 | 0 | 15.96 | 15.85 | 15.94 | | |
| 3 | 64QAM | 1 | 8 | 15.82 | 15.91 | 15.87 | 17 | 0 |
| 3 | 64QAM | 1 | 14 | 15.63 | 15.81 | 15.69 | | |
| 3 | 64QAM | 8 | 0 | 15.82 | 15.95 | 15.72 | | |
| 3 | 64QAM | 8 | 4 | 15.61 | 15.74 | 15.63 | 17 | 0 |
| 3 | 64QAM | 8 | 7 | 15.55 | 15.69 | 15.60 | | |
| 3 | 64QAM | 15 | 0 | 15.78 | 15.88 | 15.74 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.91 | 16.07 | 15.71 | 17 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.76 | 15.84 | 15.88 | | |
| 1.4 | QPSK | 1 | 5 | 15.66 | 15.68 | 15.72 | | |
| 1.4 | QPSK | 3 | 0 | 15.87 | 15.94 | 15.76 | 17 | 0 |
| 1.4 | QPSK | 3 | 1 | 15.74 | 15.72 | 15.62 | | |
| 1.4 | QPSK | 3 | 3 | 15.82 | 15.87 | 15.67 | | |
| 1.4 | QPSK | 6 | 0 | 15.73 | 15.79 | 15.66 | 17 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.67 | 15.93 | 15.77 | | |
| 1.4 | 16QAM | 1 | 3 | 15.68 | 15.60 | 15.71 | | |
| 1.4 | 16QAM | 1 | 5 | 15.56 | 15.56 | 15.66 | 17 | 0 |
| 1.4 | 16QAM | 3 | 0 | 15.76 | 15.78 | 15.85 | | |
| 1.4 | 16QAM | 3 | 1 | 15.62 | 15.68 | 15.68 | | |
| 1.4 | 16QAM | 3 | 3 | 15.82 | 15.82 | 15.76 | 17 | 0 |
| 1.4 | 16QAM | 6 | 0 | 15.81 | 15.78 | 15.83 | | |
| 1.4 | 64QAM | 1 | 0 | 15.88 | 15.81 | 15.96 | | |
| 1.4 | 64QAM | 1 | 3 | 15.87 | 15.84 | 15.80 | 17 | 0 |
| 1.4 | 64QAM | 1 | 5 | 15.68 | 15.72 | 15.65 | | |
| 1.4 | 64QAM | 3 | 0 | 15.80 | 15.85 | 15.69 | | |
| 1.4 | 64QAM | 3 | 1 | 15.63 | 15.76 | 15.71 | 17 | 0 |
| 1.4 | 64QAM | 3 | 3 | 15.61 | 15.63 | 15.58 | | |
| 1.4 | 64QAM | 6 | 0 | 15.77 | 15.82 | 15.78 | | |



DL CA Power

2CA DL

| CA List | PCC | | | | | | | | | | SCC | | | | | Power | |
|------------|----------|----------|---------------|------------|--------|--------|--------------|--------------------------|----------|----------|---------------|------------|--------------------------|------------------------|---------------------------|-------|--|
| | LTE Band | BW (MHz) | UL Freq (MHz) | UL Channel | Mod | UL# RB | UL RB Offset | UL Antenna Configuration | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | DL Antenna Configuration | With CA Tx Power (dBm) | Without CA Tx Power (dBm) | | |
| CA_2C | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1980 | 1998 | 4x4 MIMO | 22.40 | 22.68 | |
| | Band 2 | An1 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1980 | 1998 | 4x4 MIMO | 22.03 | 22.07 | |
| CA_5A-41A | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4 MIMO | 22.64 | 22.73 | |
| | Band 5 | An1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4 MIMO | 23.33 | 23.50 | |
| CA_7A-42A | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 20M | 3500 | 42590 | 4x4 MIMO | 22.95 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 20M | 3500 | 42590 | 4x4 MIMO | 22.45 | 22.57 | |
| CA_7B | Band 7 | An0 | 15M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 5M | 2544 | 3193 | 4x4 MIMO | 23.01 | 23.09 | |
| | Band 7 | An1 | 15M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 5M | 2544 | 3193 | 4x4 MIMO | 22.41 | 22.57 | |
| CA_26A-41A | Band 26 | An0 | 15M | 831.5 | 28865 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4 MIMO | 22.58 | 22.75 | |
| | Band 26 | An1 | 15M | 831.5 | 28865 | QPSK | 1 | 0 | | Band 41 | 20M | 2593 | 40620 | 4x4 MIMO | 23.37 | 23.55 | |
| CA_38A-66A | Band 38 | An0 | 20M | 2595 | 38000 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 68886 | 4x4 MIMO | 22.60 | 22.75 | |
| | Band 38 | An1 | 20M | 2595 | 38000 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 68886 | 4x4 MIMO | 22.07 | 22.10 | |
| CA_38B | Band 66 | An0 | 20M | 1745 | 132222 | QPSK | 1 | 0 | 4x4 MIMO | Band 38 | 20M | 2595 | 38000 | 4x4 MIMO | 22.45 | 22.85 | |
| | Band 66 | An1 | 20M | 1745 | 132222 | QPSK | 1 | 0 | 4x4 MIMO | Band 38 | 20M | 2595 | 38000 | 4x4 MIMO | 22.96 | 22.14 | |
| CA_38C | Band 38 | An0 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4 MIMO | Band 38 | 20M | 2800 | 38048 | 4x4 MIMO | 22.80 | 22.75 | |
| | Band 38 | An1 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4 MIMO | Band 38 | 20M | 2800 | 38048 | 4x4 MIMO | 22.01 | 22.10 | |
| CA_41A-42A | Band 41 | An0 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 20M | 3500 | 42590 | 4x4 MIMO | 22.88 | 22.84 | |
| | Band 41 | An1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 20M | 3500 | 42590 | 4x4 MIMO | 23.03 | 22.14 | |
| CA_42A-42A | Band 42 | An0 | 20M | 3500 | 42590 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2593 | 40620 | 4x4 MIMO | 23.09 | 23.20 | |
| | Band 42 | An2 | 20M | 3500 | 42590 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 5M | 3548 | 43065 | 4x4 MIMO | 23.11 | 23.20 | |
| CA_42C | Band 42 | An2 | 20M | 3500 | 42590 | QPSK | 1 | 0 | 4x4 MIMO | Band 42 | 20M | 3520 | 42788 | 4x4 MIMO | 23.06 | 23.20 | |



3CA DL

| 3CA List | PCC | | | | | | | | | | SDC1 | | | | SDC2 | | | | Power | | | |
|----------------|---------|-----|-------|---------|---------|------|-----|----|----------|--------------------------|------|--------|---------|----------|--------------------------|------|--------|---------|----------|--------------------------|-----------------|------------------|
| | LTE | BW | BW | UL | UL | Mod. | UL# | RB | UL | DL Antenna Configuration | LTE | BW | DL | DL | DL Antenna Configuration | LTE | BW | DL | DL | DL Antenna Configuration | Tx. Power (dBm) | Without CA (dBm) |
| | Band | Ant | (MHz) | Channel | Channel | | | | | | Band | (MHz) | Channel | Channel | | Band | (MHz) | Channel | Channel | | | |
| CA_2A-4A-5A | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.52 | 22.58 | |
| | Band 4 | An0 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.43 | 22.57 | |
| | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 22.59 | 22.73 | |
| CA_2A-4A-7A | Band 5 | An1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 23.42 | 23.50 | |
| | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | 22.16 | 22.07 | |
| | Band 4 | An0 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.49 | 22.57 | |
| CA_2A-5A-66A | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 23.03 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 22.56 | 22.57 | |
| | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.53 | 22.56 | |
| CA_2A-7A-7A | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.85 | 22.73 | |
| | Band 5 | An1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 23.36 | 23.50 | |
| | Band 66 | An1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.89 | 22.14 | |
| CA_2A-7A-66A | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4 MIMO | 22.56 | 22.58 | |
| | Band 2 | An1 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4 MIMO | 21.96 | 22.07 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 5M | 2687.5 | 3425 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.96 | 23.09 | |
| CA_2A-7A-66A | Band 7 | An1 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 23.15 | 22.07 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 23.01 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.43 | 22.57 | |
| CA_2A-7C | Band 66 | An0 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.52 | 22.65 | |
| | Band 2 | An0 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.51 | 22.58 | |
| | Band 2 | An1 | 20M | 1880 | 1890 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.02 | 22.07 | |
| CA_4A-7C | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 2 | 20M | 1880 | 1890 | 4x4 MIMO | 22.97 | 23.09 | |
| | Band 4 | An0 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.41 | 22.57 | |
| | Band 4 | An1 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 21.90 | 21.99 | |
| CA_5A-7A-66A | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 23.02 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4 MIMO | 22.33 | 22.57 | |
| | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.68 | 22.73 | |
| CA_5A-7C | Band 5 | An1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 23.36 | 23.50 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.99 | 23.09 | |
| | Band 66 | An1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.04 | 22.14 | |
| CA_5A-66A-66A | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.56 | 22.73 | |
| | Band 5 | An1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 23.41 | 23.50 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.99 | 23.09 | |
| CA_7A-26A-66A | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.43 | 22.57 | |
| | Band 5 | An0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | 22.56 | 22.73 | |
| | Band 66 | An0 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.58 | 22.65 | |
| CA_7A-66A-66A | Band 66 | An1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 5 | 10M | 881.5 | 2525 | 4x4 MIMO | 22.09 | 22.14 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 26 | 15M | 876.5 | 8865 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.92 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 26 | 15M | 876.5 | 8865 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | 22.34 | 22.57 | |
| CA_7A-66A-66A | Band 26 | An0 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | 22.57 | 22.75 | |
| | Band 26 | An1 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | 23.36 | 23.55 | |
| | Band 66 | An0 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 26 | 15M | 876.5 | 8865 | 4x4 MIMO | 22.69 | 22.65 | |
| CA_7A-66A-66A | Band 66 | An1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 26 | 15M | 876.5 | 8865 | 4x4 MIMO | 22.07 | 22.14 | |
| | Band 7 | An0 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | 22.95 | 23.09 | |
| | Band 7 | An1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 20M | 2155 | 66886 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | 22.43 | 22.57 | |
| CA_41A-41A-41A | Band 66 | An0 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | 22.61 | 22.65 | |
| | Band 66 | An1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | 22.08 | 22.14 | |
| | Band 41 | An0 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4 MIMO | Band 41 | 20M | 2506 | 39750 | 4x4 MIMO | 22.78 | 22.84 | |
| CA_41A-41A-41A | Band 41 | An1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4 MIMO | Band 41 | 20M | 2506 | 39750 | 4x4 MIMO | 22.12 | 22.14 | |



4CA DL

| Configure | PCC | | | | | | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | Power | | | |
|----------------|---------|------|-------|-------------|---------|------|-----|--------|--------------------------|---------|---------|--------|-------|-------------|--------------------------|------|--------|-------------|----------|---------|--------------------------|-------------|---------|-----------------|-----------------|-------|
| | LTE | BW | BW | UL | UL | Mod. | ULF | UL | DL Antenna Configuration | | LTE | BW | DL | DL | DL Antenna Configuration | | LTE | BW | DL | DL | DL Antenna Configuration | | With CA | Without CA | | |
| | Band | Ant | (MHz) | Freq. (MHz) | Channel | | RB | Offset | RB | Offset | Channel | Band | (MHz) | Freq. (MHz) | Channel | Band | (MHz) | Freq. (MHz) | Channel | Band | (MHz) | Freq. (MHz) | Channel | Tx. Power (dBm) | Tx. Power (dBm) | |
| CA_7C-66A-66A | Band 7 | Ant1 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | Band 66 | 20M | 2155 | 68888 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | 22.64 | 23.09 |
| | Band 66 | Ant0 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.59 | 22.65 |
| | Band 66 | Ant1 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4 MIMO | Band 66 | 5M | 2197.5 | 67311 | 4x4 MIMO | Band 7 | 20M | 2655 | 3100 | 4x4 MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4 MIMO | 22.07 | 22.14 |
| CA_41A-41A-41C | Band 41 | Ant0 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4 MIMO | Band 41 | 20M | 2506 | 39750 | 4x4 MIMO | Band 41 | 20M | 2525.8 | 39948 | 4x4 MIMO | 22.80 | 22.84 |
| | Band 41 | Ant1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 5M | 2687.5 | 41565 | 4x4 MIMO | Band 41 | 20M | 2506 | 39750 | 4x4 MIMO | Band 41 | 20M | 2525.8 | 39948 | 4x4 MIMO | 22.13 | 22.14 |
| | Band 41 | Ant0 | 20M | 2506 | 39750 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2640.4 | 41094 | 4x4 MIMO | Band 41 | 20M | 2660.2 | 41292 | 4x4 MIMO | Band 41 | 20M | 2660 | 41490 | 4x4 MIMO | 22.72 | 22.84 |
| CA_41A-41D | Band 41 | Ant1 | 20M | 2506 | 39750 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2640.4 | 41094 | 4x4 MIMO | Band 41 | 20M | 2660.2 | 41292 | 4x4 MIMO | Band 41 | 20M | 2660 | 41490 | 4x4 MIMO | 22.07 | 22.14 |
| | Band 41 | Ant0 | 20M | 2506 | 39750 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2525.8 | 39948 | 4x4 MIMO | Band 41 | 20M | 2660.2 | 41292 | 4x4 MIMO | Band 41 | 20M | 2660 | 41490 | 4x4 MIMO | 22.99 | 23.84 |
| | Band 41 | Ant1 | 20M | 2506 | 39750 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2525.8 | 39948 | 4x4 MIMO | Band 41 | 20M | 2660.2 | 41292 | 4x4 MIMO | Band 41 | 20M | 2660 | 41490 | 4x4 MIMO | 22.92 | 22.14 |
| CA_41C-41C | Band 41 | Ant0 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4 MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4 MIMO | Band 41 | 20M | 2652.4 | 41214 | 4x4 MIMO | 22.78 | 22.84 |
| | Band 41 | Ant1 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4 MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4 MIMO | Band 41 | 20M | 2652.4 | 41214 | 4x4 MIMO | 22.11 | 22.14 |
| | Band 41 | Ant0 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4 MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4 MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4 MIMO | Band 41 | 20M | 2652.4 | 41214 | 4x4 MIMO | 22.11 | 22.14 |

Uplink CA Power

| Ant0 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 22.46 | 24.00 | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 22.55 | 24.00 | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 22.51 | 24.00 | |

| Ant0 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 22.43 | 24.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 22.56 | 24.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 22.50 | 24.00 | |

| Ant0 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 22.51 | 24.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 22.57 | 24.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 22.62 | 24.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 22.54 | 24.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 22.48 | 24.00 | |

| Ant2 | | CA_42C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 42190 | 42388 | QPSK | 1 | 99 | 1 | 0 | 23.11 | 24.00 | |
| 42590 | 42788 | QPSK | 1 | 99 | 1 | 0 | 23.17 | 24.00 | |
| 42990 | 42792 | QPSK | 1 | 0 | 1 | 99 | 23.05 | 24.00 | |

| Ant1 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 22.08 | 24.00 | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 22.19 | 24.00 | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 22.13 | 24.00 | |

| Ant1 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 21.64 | 23.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 21.70 | 23.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 21.61 | 23.00 | |

| Ant1 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 21.65 | 23.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 21.69 | 23.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 21.74 | 23.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 21.63 | 23.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 21.59 | 23.00 | |

Uplink CA Power

| Ant1_DS12 | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| CA_7C | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 16.11 | 18.00 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 16.15 | 18.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 16.04 | 18.00 |

| Ant1_DS12 | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| CA_38C | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 17.31 | 19.00 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 17.40 | 19.00 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 17.34 | 19.00 |

| Ant1_DS12 | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| CA_41C | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 15.24 | 17.00 |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 15.27 | 17.00 |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 15.32 | 17.00 |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 15.21 | 17.00 |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 15.18 | 17.00 |

| Ant2_DS12 | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| CA_42C | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 42190 | 42388 | QPSK | 1 | 99 | 1 | 0 | 16.90 | 18.00 |
| 42590 | 42788 | QPSK | 1 | 99 | 1 | 0 | 16.94 | 18.00 |
| 42990 | 42792 | QPSK | 1 | 0 | 1 | 99 | 16.83 | 18.00 |

Uplink CA Power

| Ant0 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_7C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 17.15 | 18.50 | | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 17.34 | 18.50 | | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 17.27 | 18.50 | | |

| Ant1 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_7C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 16.11 | 18.00 | | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 16.15 | 18.00 | | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 16.04 | 18.00 | | |

| Ant0 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_38C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 17.23 | 19.00 | | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 17.29 | 19.00 | | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 17.19 | 19.00 | | |

| Ant1 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_38C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 16.51 | 18.00 | | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 16.53 | 18.00 | | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 16.45 | 18.00 | | |

| Ant0 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_41C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 17.02 | 19.00 | | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 17.18 | 19.00 | | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 17.27 | 19.00 | | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 17.15 | 19.00 | | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 17.21 | 19.00 | | |

| Ant1 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_41C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 16.52 | 18.00 | | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 16.32 | 18.00 | | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 16.54 | 18.00 | | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 16.09 | 18.00 | | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 16.22 | 18.00 | | |

| Ant2 DSI3 | | | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|--|
| CA_42C | | | | | | | | | | |
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | | |
| | | | RB Size | RB offset | RB Size | RB offset | | | | |
| 42190 | 42388 | QPSK | 1 | 99 | 1 | 0 | 15.91 | 17.00 | | |
| 42590 | 42768 | QPSK | 1 | 99 | 1 | 0 | 16.02 | 17.00 | | |
| 42990 | 42792 | QPSK | 1 | 0 | 1 | 99 | 15.88 | 17.00 | | |

Uplink CA Power

| Ant0 DS16 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 17.15 | 18.50 | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 17.34 | 18.50 | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 17.27 | 18.50 | |

| Ant0 DS16 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 17.23 | 19.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 17.29 | 19.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 17.19 | 19.00 | |

| Ant0 DS16 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 17.02 | 19.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 17.18 | 19.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 17.27 | 19.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 17.15 | 19.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 17.21 | 19.00 | |

| Ant2 DS16 | | CA_42C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 42190 | 42388 | QPSK | 1 | 99 | 1 | 0 | 16.02 | 17.00 | |
| 42590 | 42788 | QPSK | 1 | 99 | 1 | 0 | 16.12 | 17.00 | |
| 42990 | 42792 | QPSK | 1 | 0 | 1 | 99 | 16.05 | 17.00 | |

| Ant1 DS16 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 16.11 | 18.00 | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 16.15 | 18.00 | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 16.04 | 18.00 | |

| Ant1 DS16 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 16.51 | 18.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 16.53 | 18.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 16.45 | 18.00 | |

| Ant1 DS16 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 16.52 | 18.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 16.32 | 18.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 16.54 | 18.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 16.09 | 18.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 16.22 | 18.00 | |

Uplink CA Power

| Ant0 DS17 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|-------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 16.64 | 18.00 | 16.73 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 16.82 | 18.00 | 16.91 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 16.55 | 18.00 | 16.61 |

| Ant1 DS17 | | CA_7C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 14.11 | 16.00 | |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 14.15 | 16.00 | |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 14.04 | 16.00 | |

| Ant0 DS17 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 17.23 | 19.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 17.29 | 19.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 17.19 | 19.00 | |

| Ant1 DS17 | | CA_38C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 16.51 | 18.00 | |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 16.53 | 18.00 | |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 16.45 | 18.00 | |

| Ant0 DS17 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 17.02 | 19.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 17.16 | 19.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 17.27 | 19.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 17.15 | 19.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 17.21 | 19.00 | |

| Ant1 DS17 | | CA_41C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 39750 | 39948 | QPSK | 1 | 99 | 1 | 0 | 16.52 | 18.00 | |
| 40185 | 40383 | QPSK | 1 | 99 | 1 | 0 | 16.32 | 18.00 | |
| 40620 | 40818 | QPSK | 1 | 99 | 1 | 0 | 16.54 | 18.00 | |
| 41055 | 41253 | QPSK | 1 | 99 | 1 | 0 | 16.09 | 18.00 | |
| 41490 | 41292 | QPSK | 1 | 0 | 1 | 99 | 16.22 | 18.00 | |

| Ant2 DS17 | | CA_42C | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|--|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) | |
| | | | RB Size | RB offset | RB Size | RB offset | | | |
| 42190 | 42388 | QPSK | 1 | 99 | 1 | 0 | 13.02 | 14.00 | |
| 42590 | 42788 | QPSK | 1 | 99 | 1 | 0 | 13.12 | 14.00 | |
| 42990 | 42792 | QPSK | 1 | 0 | 1 | 99 | 12.91 | 14.00 | |



Full&Default Power Mode

| n2 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 372000 | 376000 | 380000 | | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.55 | 22.71 | 22.63 | | | |
| 20 | PI2 BPSK | 1 | 53 | 22.85 | 22.74 | 22.59 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 22.53 | 22.70 | 22.59 | | | |
| 20 | PI2 BPSK | 50 | 0 | 22.21 | 22.28 | 22.25 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 50 | 28 | 22.54 | 22.67 | 22.56 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 22.19 | 22.25 | 22.14 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 100 | 0 | 22.08 | 22.23 | 22.19 | | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.77 | 22.68 | | | |
| 20 | QPSK | 1 | 53 | 22.58 | 22.70 | 22.55 | 24.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 22.51 | 22.68 | 22.51 | | | |
| 20 | QPSK | 50 | 0 | 21.80 | 21.78 | 21.81 | 23.0 | 1.0 | |
| 20 | QPSK | 50 | 28 | 22.63 | 22.73 | 22.58 | 24.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 21.57 | 21.71 | 21.61 | 23.0 | 1.0 | |
| 20 | QPSK | 100 | 0 | 21.80 | 21.69 | 21.57 | | | |
| 20 | 16QAM | 1 | 1 | 21.36 | 21.47 | 21.39 | 23.0 | 1.0 | |
| 20 | 64QAM | 1 | 1 | 19.93 | 19.99 | 19.83 | 21.5 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 18.22 | 18.39 | 18.32 | 19.5 | 4.5 | |
| Channel | | | | 371500 | 376000 | 380500 | | | |
| Frequency (MHz) | | | | 1827.5 | 1880 | 1927.5 | | | |
| 15 | QPSK | 1 | 1 | 22.60 | 22.61 | 22.63 | 24.0 | 0.0 | |
| Channel | | | | 371000 | 376000 | 381000 | | | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | | |
| 10 | QPSK | 1 | 1 | 22.66 | 22.64 | 22.60 | 24.0 | 0.0 | |
| Channel | | | | 370500 | 376000 | 381500 | | | |
| Frequency (MHz) | | | | 1822.5 | 1880 | 1927.5 | | | |
| 5 | QPSK | 1 | 1 | 22.64 | 22.65 | 22.63 | 24.0 | 0.0 | |

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 166900 | 167300 | 167700 | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | | | |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.79 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.86 | | | |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.38 | 22.19 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 50 | 28 | 22.76 | 22.91 | 22.86 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 22.38 | 22.42 | 22.29 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 100 | 0 | 22.28 | 22.38 | 22.24 | | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.96 | 22.90 | | | |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.76 | 24.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 22.80 | 22.88 | 22.81 | | | |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | 23.0 | 1.0 | |
| 20 | QPSK | 50 | 28 | 22.82 | 22.92 | 22.84 | 24.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 21.84 | 21.88 | 21.72 | 23.0 | 1.0 | |
| 20 | QPSK | 100 | 0 | 21.89 | 21.83 | 21.76 | | | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 | |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 19.5 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | | | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | | |
| 15 | QPSK | 1 | 1 | 22.76 | 22.81 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | | | |
| Frequency (MHz) | | | | 824.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 | |

| n7 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 505000 | 507000 | 509000 | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | | |
| 50 | PI2 BPSK | 1 | 1 | 22.91 | 22.98 | 22.92 | | | |
| 50 | PI2 BPSK | 1 | 135 | 22.98 | 23.12 | 23.05 | 24.0 | 0.0 | |
| 50 | PI2 BPSK | 1 | 268 | 22.80 | 22.89 | 22.83 | | | |
| 50 | PI2 BPSK | 135 | 0 | 22.59 | 22.75 | 22.62 | 23.5 | 0.5 | |
| 50 | PI2 BPSK | 135 | 68 | 23.07 | 23.15 | 23.04 | 24.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 135 | 22.52 | 22.67 | 22.54 | 23.5 | 0.5 | |
| 50 | PI2 BPSK | 270 | 0 | 22.89 | 22.71 | 22.86 | | | |
| 50 | QPSK | 1 | 1 | 23.07 | 23.17 | 23.12 | | | |
| 50 | QPSK | 1 | 135 | 23.09 | 23.08 | 23.08 | 24.0 | 0.0 | |
| 50 | QPSK | 1 | 268 | 22.77 | 22.87 | 22.80 | | | |
| 50 | QPSK | 135 | 0 | 22.21 | 22.33 | 22.20 | 23.0 | 1.0 | |
| 50 | QPSK | 135 | 68 | 23.02 | 23.12 | 22.99 | 24.0 | 0.0 | |
| 50 | QPSK | 135 | 135 | 22.17 | 22.30 | 22.20 | 23.0 | 1.0 | |
| 50 | QPSK | 270 | 0 | 22.24 | 22.34 | 22.25 | | | |
| 50 | 16QAM | 1 | 1 | 21.67 | 21.79 | 21.76 | 23.0 | 1.0 | |
| 50 | 64QAM | 1 | 1 | 20.29 | 20.33 | 20.30 | 21.5 | 2.5 | |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 4.5 | |
| Channel | | | | 504000 | 507000 | 510000 | | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | | |
| 40 | QPSK | 1 | 1 | 23.01 | 23.06 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 503000 | 507000 | 511000 | | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | | |
| 30 | QPSK | 1 | 1 | 22.95 | 23.04 | 22.82 | 24.0 | 0.0 | |
| Channel | | | | 502500 | 507000 | 511500 | | | |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | | |
| 25 | QPSK | 1 | 1 | 22.99 | 23.02 | 22.76 | 24.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 512000 | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.87 | 23.06 | 22.78 | 24.0 | 0.0 | |
| Channel | | | | 501500 | 507000 | 512500 | | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | |
| 15 | QPSK | 1 | 1 | 22.82 | 23.14 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 501000 | 507000 | 513000 | | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | |
| 10 | QPSK | 1 | 1 | 22.93 | 23.14 | 22.83 | 24.0 | 0.0 | |
| Channel | | | | 500500 | 507000 | 513500 | | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | | |
| 5 | QPSK | 1 | 1 | 22.87 | 23.07 | 22.81 | 24.0 | 0.0 | |



| n66 Ant0 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 348000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | |
| 40 | PI2 BPSK | 1 | 1 | 22.27 | 22.41 | 22.29 | 24.0 | 0.0 |
| 40 | PI2 BPSK | 1 | 108 | 22.30 | 22.37 | 22.26 | | |
| 40 | PI2 BPSK | 1 | 214 | 22.25 | 22.29 | 22.15 | | |
| 40 | PI2 BPSK | 108 | 0 | 21.65 | 21.77 | 21.73 | 23.5 | 0.5 |
| 40 | PI2 BPSK | 108 | 54 | 22.37 | 22.45 | 22.39 | 24.0 | 0.0 |
| 40 | PI2 BPSK | 108 | 108 | 21.81 | 21.83 | 21.76 | 23.5 | 0.5 |
| 40 | PI2 BPSK | 216 | 0 | 21.70 | 21.74 | 21.57 | | |
| 40 | QPSK | 1 | 1 | 22.43 | 22.50 | 22.41 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.47 | 22.49 | 22.41 | | |
| 40 | QPSK | 1 | 214 | 22.21 | 22.24 | 22.17 | | |
| 40 | QPSK | 108 | 0 | 21.23 | 21.26 | 21.18 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.39 | 22.50 | 22.36 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.30 | 21.33 | 21.19 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.23 | 21.37 | 21.25 | | |
| 40 | 16QAM | 1 | 1 | 21.24 | 21.39 | 21.29 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 19.77 | 19.88 | 19.79 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 17.74 | 17.91 | 17.88 | 19.5 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.27 | 22.47 | 22.29 | 24.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.29 | 22.43 | 22.31 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.42 | 22.38 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.27 | 22.33 | 22.27 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.28 | 22.41 | 22.37 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.27 | 22.34 | 22.30 | 24.0 | 0.0 |



| n38 Ant0 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.39 | 22.52 | 22.47 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 22.77 | 22.90 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 22.35 | 22.45 | 22.36 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.20 | 22.30 | 22.27 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.77 | 22.91 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 22.24 | 22.27 | 22.14 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.27 | 22.31 | 22.21 | | | |
| 40 | QPSK | 1 | 1 | 22.57 | 22.43 | 22.54 | | | |
| 40 | QPSK | 1 | 53 | 22.86 | 22.94 | 22.87 | 24.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 22.40 | 22.47 | 22.39 | | | |
| 40 | QPSK | 50 | 0 | 21.62 | 21.76 | 21.66 | 23.0 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.79 | 22.67 | 22.78 | 24.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 21.70 | 21.72 | 21.61 | 23.0 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.71 | 21.77 | 21.74 | | | |
| 40 | 16QAM | 1 | 1 | 21.23 | 21.27 | 21.16 | 23.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 19.62 | 19.77 | 19.70 | 21.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.32 | 18.43 | 18.30 | 19.5 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 39 | 22.86 | 22.90 | 22.79 | 24.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | | | |
| 25 | QPSK | 1 | 32 | 22.09 | 22.81 | 22.58 | 24.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 26 | 22.71 | 22.84 | 22.67 | 24.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 19 | 22.68 | 22.86 | 22.83 | 24.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 12 | 22.63 | 22.86 | 22.83 | 24.0 | 0.0 | |

| n41 PC3 Ant0 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 525602 | 518998 | 526000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.29 | 22.40 | 22.26 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.83 | 22.97 | 22.91 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.27 | 22.31 | 22.19 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.28 | 22.42 | 22.30 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.79 | 22.95 | 22.93 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.16 | 22.32 | 22.21 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.21 | 22.37 | 22.21 | | | |
| 100 | QPSK | 1 | 1 | 22.23 | 22.31 | 22.16 | | | |
| 100 | QPSK | 1 | 137 | 22.97 | 23.01 | 22.96 | 24.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.22 | 22.28 | 22.21 | | | |
| 100 | QPSK | 135 | 0 | 21.78 | 21.90 | 21.80 | 23.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.84 | 22.99 | 22.83 | 24.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.65 | 21.78 | 21.65 | 23.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.75 | 21.85 | 21.82 | | | |
| 100 | 16QAM | 1 | 1 | 21.41 | 21.48 | 21.45 | 23.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.86 | 19.88 | 19.73 | 21.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.35 | 18.38 | 18.27 | 19.5 | 4.5 | |
| Channel | | | | 500200 | 518998 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.99 | | | |
| 90 | QPSK | 1 | 123 | 22.79 | 22.84 | 22.75 | 24.0 | 0.0 | |
| Channel | | | | 507204 | 518998 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2538.02 | 2592.99 | 2648.99 | | | |
| 80 | QPSK | 1 | 109 | 22.81 | 22.98 | 22.90 | 24.0 | 0.0 | |
| Channel | | | | 502000 | 518998 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2626 | 2592.99 | 2658.98 | | | |
| 60 | QPSK | 1 | 81 | 22.89 | 22.89 | 22.72 | 24.0 | 0.0 | |
| Channel | | | | 504204 | 518998 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2631.02 | 2592.99 | 2684.99 | | | |
| 50 | QPSK | 1 | 67 | 22.94 | 22.87 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 503202 | 518998 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 53 | 22.80 | 22.84 | 22.76 | 24.0 | 0.0 | |
| Channel | | | | 502200 | 518998 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.99 | | | |
| 30 | QPSK | 1 | 39 | 22.84 | 22.92 | 22.86 | 24.0 | 0.0 | |
| Channel | | | | 501204 | 518998 | 536998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2678.99 | | | |
| 20 | QPSK | 1 | 26 | 22.76 | 22.67 | 22.84 | 24.0 | 0.0 | |
| Channel | | | | 500700 | 518998 | 538498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | | |
| 15 | QPSK | 1 | 19 | 22.87 | 22.89 | 22.87 | 24.0 | 0.0 | |
| Channel | | | | 500202 | 518998 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2501.01 | 2592.99 | 2685 | | | |
| 10 | QPSK | 1 | 12 | 22.74 | 22.97 | 22.77 | 24.0 | 0.0 | |



n2 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.18 | 22.20 | 22.06 | | |
| 20 | PI2 BPSK | 1 | 53 | 22.10 | 22.23 | 22.07 | 23.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 22.12 | 22.26 | 22.15 | | |
| 20 | PI2 BPSK | 50 | 0 | 21.80 | 21.89 | 21.57 | 22.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 22.11 | 22.25 | 22.20 | 23.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 21.78 | 21.84 | 21.77 | 22.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 21.74 | 21.78 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.23 | 22.39 | 22.20 | | |
| 20 | QPSK | 1 | 53 | 22.15 | 22.25 | 22.19 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.08 | 22.11 | 22.03 | | |
| 20 | QPSK | 50 | 0 | 21.11 | 21.21 | 21.13 | 22.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.14 | 22.29 | 22.15 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 21.30 | 21.34 | 21.27 | 22.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.20 | 21.27 | 21.13 | | |
| 20 | 16QAM | 1 | 1 | 21.13 | 21.19 | 21.09 | 22.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 19.76 | 19.82 | 19.72 | 20.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.84 | 17.91 | 17.75 | 19.5 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.21 | 22.24 | 22.15 | 23.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.13 | 22.14 | 22.09 | 23.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.15 | 22.25 | 22.04 | 23.0 | 0.0 |

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 166500 | 167000 | 167500 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.88 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.28 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.28 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.84 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | 165300 | 167000 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 23.30 | 23.35 | 23.21 | 24.0 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 828.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 23.40 | 23.45 | 23.34 | | |
| 50 | PI2 BPSK | 1 | 135 | 23.35 | 23.39 | 23.35 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 23.15 | 23.31 | 23.28 | | |
| 50 | PI2 BPSK | 135 | 0 | 22.83 | 23.00 | 22.83 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 135 | 68 | 23.29 | 23.43 | 23.31 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 22.84 | 22.94 | 22.79 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 270 | 0 | 22.80 | 22.96 | 22.90 | | |
| 50 | QPSK | 1 | 1 | 23.44 | 23.47 | 23.42 | | |
| 50 | QPSK | 1 | 135 | 23.40 | 23.43 | 23.34 | 24.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 23.21 | 23.34 | 23.29 | | |
| 50 | QPSK | 135 | 0 | 22.58 | 22.68 | 22.65 | 23.0 | 1.0 |
| 50 | QPSK | 135 | 68 | 23.32 | 23.43 | 23.35 | 24.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 22.39 | 22.54 | 22.46 | 23.0 | 1.0 |
| 50 | QPSK | 270 | 0 | 22.57 | 22.62 | 22.51 | | |
| 50 | 16QAM | 1 | 1 | 22.23 | 22.34 | 22.29 | 23.0 | 1.0 |
| 50 | 16QAM | 1 | 1 | 20.75 | 20.91 | 20.79 | 21.5 | 2.5 |
| 50 | 256QAM | 1 | 1 | 18.99 | 19.16 | 19.08 | 19.5 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 22.98 | 23.23 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 23.11 | 23.14 | 23.10 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 23.07 | 23.14 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.99 | 23.23 | 23.06 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 23.06 | 23.24 | 23.11 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.08 | 23.13 | 23.16 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.10 | 23.10 | 23.20 | 24.0 | 0.0 |



n66 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 349000 | Power Middle Ch. / Freq. 349000 | Power High Ch. / Freq. 350000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | 1730 | 1745 | 1760 | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.73 | 22.78 | 22.86 | | |
| 40 | PI/2 BPSK | 1 | 108 | 22.70 | 22.88 | 22.74 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 22.47 | 22.82 | 22.55 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.28 | 22.34 | 22.28 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.68 | 22.83 | 22.71 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.15 | 22.21 | 22.11 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 22.26 | 22.28 | 22.17 | | |
| 40 | QPSK | 1 | 1 | 22.72 | 22.80 | 22.81 | | |
| 40 | QPSK | 1 | 108 | 22.75 | 22.81 | 22.70 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 22.60 | 22.69 | 22.55 | | |
| 40 | QPSK | 108 | 0 | 21.68 | 21.84 | 21.71 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.76 | 22.81 | 22.70 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.67 | 21.69 | 21.85 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.75 | 21.77 | 21.72 | | |
| 40 | 16QAM | 1 | 1 | 21.48 | 21.56 | 21.45 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 20.04 | 20.11 | 20.01 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.38 | 18.32 | 19.5 | 4.5 |
| Channel | | | | 345000 | 345000 | 350000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.58 | 22.76 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.62 | 22.75 | 22.75 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.57 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.80 | 22.78 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.63 | 22.78 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.76 | 22.71 | 24.0 | 0.0 |



| n38 Ant1 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519304 | 519350 | 519396 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.03 | 22.08 | 22.05 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 22.37 | 22.36 | 22.34 | 23.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 21.84 | 21.98 | 21.90 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.68 | 21.80 | 21.76 | 22.5 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.26 | 22.36 | 22.20 | 23.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 21.76 | 21.84 | 21.74 | 22.5 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 21.73 | 21.82 | 21.73 | | | |
| 40 | QPSK | 1 | 1 | 21.98 | 22.02 | 21.91 | | | |
| 40 | QPSK | 1 | 53 | 22.36 | 22.39 | 22.39 | 23.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 21.91 | 21.85 | 21.89 | | | |
| 40 | QPSK | 50 | 0 | 21.26 | 21.31 | 21.16 | 22.0 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.33 | 22.37 | 22.21 | 23.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 21.25 | 21.38 | 21.32 | 22.0 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.16 | 21.31 | 21.27 | | | |
| 40 | 16QAM | 1 | 1 | 20.75 | 20.86 | 20.70 | 22.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 19.28 | 19.31 | 19.23 | 20.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 17.81 | 17.82 | 17.82 | 18.5 | 4.5 | |
| Channel | | | | 517002 | 516900 | 520398 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 23.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 22.25 | 22.40 | 22.32 | 23.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | 23.0 | 0.0 | |
| 25 | QPSK | 1 | 32 | 22.30 | 22.25 | 22.29 | 23.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 523000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 22.30 | 22.39 | 22.34 | 23.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 524498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 23.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 22.33 | 22.32 | 22.29 | 23.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 525996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 23.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 22.28 | 22.36 | 22.30 | 23.0 | 0.0 | |

| n41 PC3 Ant1 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 525202 | 518988 | 529200 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.50 | 21.59 | 21.49 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.24 | 22.36 | 22.31 | 23.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 21.15 | 21.29 | 21.26 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.76 | 21.82 | 21.85 | 22.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.31 | 22.39 | 22.27 | 23.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 21.63 | 21.67 | 21.60 | 22.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 21.63 | 21.70 | 21.60 | | | |
| 100 | QPSK | 1 | 1 | 21.36 | 21.49 | 21.33 | | | |
| 100 | QPSK | 1 | 137 | 22.32 | 22.41 | 22.23 | 23.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 21.20 | 21.31 | 21.21 | | | |
| 100 | QPSK | 135 | 0 | 21.21 | 21.27 | 21.11 | 22.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.24 | 22.40 | 22.23 | 23.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.14 | 21.17 | 21.08 | 22.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.18 | 21.24 | 21.18 | | | |
| 100 | 16QAM | 1 | 1 | 20.64 | 20.68 | 20.65 | 22.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.26 | 19.29 | 19.27 | 20.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 17.69 | 17.81 | 17.69 | 18.5 | 4.5 | |
| Channel | | | | 502000 | 518988 | 526988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.99 | 23.0 | 0.0 | |
| 90 | QPSK | 1 | 123 | 22.15 | 22.24 | 22.04 | 23.0 | 0.0 | |
| Channel | | | | 507204 | 518988 | 529988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2648.99 | 23.0 | 0.0 | |
| 80 | QPSK | 1 | 109 | 22.15 | 22.23 | 22.09 | 23.0 | 0.0 | |
| Channel | | | | 502000 | 518988 | 531988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 23.0 | 0.0 | |
| 60 | QPSK | 1 | 81 | 22.23 | 22.27 | 22.13 | 23.0 | 0.0 | |
| Channel | | | | 504204 | 518988 | 532988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.03 | 2592.99 | 2649.99 | 23.0 | 0.0 | |
| 50 | QPSK | 1 | 67 | 22.14 | 22.20 | 22.10 | 23.0 | 0.0 | |
| Channel | | | | 503202 | 518988 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 23.0 | 0.0 | |
| 40 | QPSK | 1 | 53 | 22.17 | 22.27 | 22.11 | 23.0 | 0.0 | |
| Channel | | | | 502000 | 518988 | 535988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.99 | 23.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 22.15 | 22.19 | 22.05 | 23.0 | 0.0 | |
| Channel | | | | 501204 | 518988 | 536988 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2678.99 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 22.24 | 22.23 | 22.15 | 23.0 | 0.0 | |
| Channel | | | | 500700 | 518988 | 538498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | 23.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 22.14 | 22.22 | 22.06 | 23.0 | 0.0 | |
| Channel | | | | 500202 | 518988 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2491.01 | 2592.99 | 2685 | 23.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 22.11 | 22.32 | 22.08 | 23.0 | 0.0 | |



Part270 n77 PC3 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 22.15 | 22.14 | 22.18 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.74 | 22.96 | 22.85 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 22.09 | 22.25 | 22.13 | | |
| 100 | PI2 BPSK | 135 | 0 | 22.84 | 22.77 | 22.83 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 22.83 | 22.90 | 22.80 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 22.53 | 22.69 | 22.71 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 22.59 | 22.75 | 22.55 | | |
| 100 | QPSK | 1 | 1 | 22.09 | 22.16 | 22.01 | | |
| 100 | QPSK | 1 | 137 | 22.84 | 22.97 | 22.88 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 22.24 | 22.27 | 22.22 | | |
| 100 | QPSK | 135 | 0 | 22.80 | 22.78 | 22.60 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.84 | 22.94 | 22.91 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.71 | 22.72 | 22.88 | 24.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.59 | 22.77 | 22.58 | | |
| 100 | 16QAM | 1 | 1 | 22.11 | 22.25 | 22.17 | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.19 | 22.21 | 22.10 | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.92 | 21.04 | 20.94 | 22.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 90 | QPSK | 1 | 123 | 22.80 | 22.88 | 22.83 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | QPSK | 1 | 109 | 22.76 | 22.86 | 22.77 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | QPSK | 1 | 81 | 22.81 | 22.87 | 22.83 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | QPSK | 1 | 67 | 22.73 | 22.88 | 22.81 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | QPSK | 1 | 53 | 22.76 | 22.89 | 22.78 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | QPSK | 1 | 39 | 22.80 | 22.95 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | QPSK | 1 | 26 | 22.79 | 22.85 | 22.82 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 19 | 22.73 | 22.89 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 12 | 22.68 | 22.91 | 22.80 | 24.0 | 0.0 |

Part270 n77 PC2 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 25.25 | 25.24 | 25.16 | | |
| 100 | PI2 BPSK | 1 | 137 | 25.65 | 25.68 | 25.55 | | |
| 100 | PI2 BPSK | 1 | 271 | 25.12 | 25.35 | 25.15 | | |
| 100 | PI2 BPSK | 135 | 0 | 25.09 | 25.25 | 25.19 | 26.5 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 25.68 | 25.83 | 25.73 | 27.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 25.09 | 25.18 | 25.10 | 26.5 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 25.15 | 25.30 | 25.05 | | |
| 100 | QPSK | 1 | 1 | 25.16 | 25.28 | 25.20 | | |
| 100 | QPSK | 1 | 137 | 25.82 | 25.91 | 25.79 | 27.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.15 | 25.21 | 25.07 | | |
| 100 | QPSK | 135 | 0 | 24.63 | 24.79 | 24.70 | 26.0 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.75 | 25.90 | 25.80 | 27.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.80 | 24.86 | 24.86 | 26.0 | 1.0 |
| 100 | QPSK | 270 | 0 | 24.57 | 24.71 | 24.64 | | |
| 100 | 16QAM | 1 | 1 | 24.17 | 24.26 | 24.11 | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.60 | 22.71 | 22.68 | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.06 | 21.09 | 20.96 | 22.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 90 | QPSK | 1 | 123 | 25.77 | 25.78 | 25.64 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | QPSK | 1 | 109 | 25.70 | 25.87 | 25.71 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | QPSK | 1 | 81 | 25.67 | 25.88 | 25.74 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | QPSK | 1 | 67 | 25.72 | 25.80 | 25.76 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | QPSK | 1 | 53 | 25.74 | 25.83 | 25.75 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | QPSK | 1 | 39 | 25.79 | 25.78 | 25.63 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | QPSK | 1 | 26 | 25.73 | 25.88 | 25.70 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 19 | 25.76 | 25.87 | 25.68 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 12 | 25.71 | 25.77 | 25.70 | 27.0 | 0.0 |

Part270 n78 PC3 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 22.17 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 22.85 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 22.58 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 22.83 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 22.82 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 22.85 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 22.78 | | | |
| 100 | QPSK | 1 | 1 | | 22.22 | | | |
| 100 | QPSK | 1 | 137 | | 22.92 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 22.58 | | | |
| 100 | QPSK | 135 | 0 | | 22.76 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.89 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 22.81 | | 24.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 22.77 | | | |
| 100 | 16QAM | 1 | 1 | | 22.19 | | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.15 | | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.11 | | 22.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 90 | QPSK | 1 | 123 | 648983 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 80 | QPSK | 1 | 109 | 22.74 | 22.87 | 22.80 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 60 | QPSK | 1 | 81 | 22.77 | 22.82 | 22.87 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | QPSK | 1 | 67 | 22.75 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | QPSK | 1 | 53 | 22.72 | 22.85 | 22.86 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | QPSK | 1 | 39 | 22.87 | 22.72 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | QPSK | 1 | 26 | 22.77 | 22.87 | 22.75 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 19 | 22.77 | 22.75 | 22.87 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 12 | 22.84 | 22.78 | 22.82 | 24.0 | 0.0 |



Part270 n78 PC2 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|-----|
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 25.21 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 25.82 | | 27.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 25.43 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 25.21 | | 28.5 | 0.5 | |
| 100 | PI2 BPSK | 135 | 69 | | 25.79 | | 27.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 25.47 | | | | |
| 100 | PI2 BPSK | 270 | 0 | | 25.30 | | | | |
| 100 | QPSK | 1 | 1 | | 25.23 | | | | |
| 100 | QPSK | 1 | 137 | | 25.88 | | 27.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 25.83 | | | | |
| 100 | QPSK | 135 | 0 | | 24.67 | | 28.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 25.83 | | 27.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 24.92 | | | | |
| 100 | QPSK | 270 | 0 | | 24.82 | | 28.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 28.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 22.83 | | 24.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.5 | 4.5 | |
| Channel | | | | 649888 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 123 | | 25.77 | 25.85 | 25.73 | 27.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 25.72 | 25.75 | 25.83 | 27.0 | 0.0 |
| Channel | | | | 648868 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 25.78 | 25.78 | 25.74 | 27.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3725.02 | | | |
| 50 | QPSK | 1 | 67 | | 25.71 | 25.73 | 25.81 | 27.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 25.78 | 25.82 | 25.78 | 27.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 25.75 | 25.80 | 25.79 | 27.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652888 | | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3720.02 | | | |
| 20 | QPSK | 1 | 28 | | 25.89 | 25.77 | 25.72 | 27.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | | | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3782.51 | | | |
| 15 | QPSK | 1 | 19 | | 25.73 | 25.86 | 25.83 | 27.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 25.77 | 25.84 | 25.73 | 27.0 | 0.0 |



Part270 n77 PC3 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 19.35 | 19.37 | 19.29 | | |
| 100 | PI2 BPSK | 1 | 137 | 20.04 | 20.07 | 20.00 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 19.55 | 19.71 | 19.69 | | |
| 100 | PI2 BPSK | 135 | 0 | 19.87 | 20.02 | 19.95 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 20.12 | 20.15 | 20.03 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 20.03 | 20.08 | 19.92 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 19.78 | 19.93 | 19.79 | | |
| 100 | QPSK | 1 | 1 | 19.49 | 19.59 | 19.42 | | |
| 100 | QPSK | 1 | 137 | 20.02 | 20.25 | 19.98 | 21.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 19.47 | 19.53 | 19.51 | | |
| 100 | QPSK | 135 | 0 | 19.82 | 19.88 | 19.80 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.09 | 20.21 | 20.00 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.82 | 19.89 | 19.77 | 21.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.02 | 20.08 | 19.93 | | |
| 100 | 16QAM | 1 | 1 | 20.00 | 20.12 | 20.02 | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.04 | 20.16 | 20.01 | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.73 | 19.77 | 19.65 | 19.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 19.97 | 20.23 | 19.90 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650666 | | |
| 80 | QPSK | 1 | 109 | 19.54 | 20.17 | 19.89 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 19.87 | 20.23 | 19.92 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | | |
| 50 | QPSK | 1 | 67 | 19.85 | 20.11 | 19.84 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 19.89 | 20.16 | 19.84 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 19.92 | 20.16 | 19.81 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 19.96 | 20.23 | 19.85 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 19.95 | 20.12 | 19.87 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 19.87 | 20.15 | 19.94 | 21.0 | 0.0 |

Part270 n77 PC2 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 22.24 | 22.33 | 22.26 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.97 | 23.04 | 23.02 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 22.50 | 22.86 | 22.52 | | |
| 100 | PI2 BPSK | 135 | 0 | 22.50 | 22.53 | 22.47 | 23.5 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 23.16 | 23.20 | 23.03 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 22.62 | 22.87 | 22.57 | 23.5 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 22.39 | 22.47 | 22.32 | | |
| 100 | QPSK | 1 | 1 | 22.46 | 22.55 | 22.40 | | |
| 100 | QPSK | 1 | 137 | 23.27 | 23.33 | 23.18 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 22.51 | 22.68 | 22.53 | | |
| 100 | QPSK | 135 | 0 | 21.70 | 21.84 | 21.77 | 23.0 | 1.0 |
| 100 | QPSK | 135 | 69 | 23.13 | 23.21 | 22.99 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.85 | 21.94 | 21.80 | 23.0 | 1.0 |
| 100 | QPSK | 270 | 0 | 22.00 | 22.09 | 21.91 | | |
| 100 | 16QAM | 1 | 1 | 21.39 | 21.56 | 21.44 | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 20.23 | 20.32 | 20.23 | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.72 | 19.81 | 19.70 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 23.22 | 23.18 | 23.09 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 23.24 | 23.23 | 23.00 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 23.16 | 23.21 | 23.05 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | | |
| 50 | QPSK | 1 | 67 | 23.20 | 23.22 | 23.09 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 23.14 | 23.21 | 23.00 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 23.21 | 23.28 | 23.18 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 23.19 | 23.27 | 23.02 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 23.17 | 23.21 | 23.10 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 23.24 | 23.25 | 23.06 | 24.0 | 0.0 |

Part270 n78 PC3 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 23.16 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 23.99 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 23.50 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 23.74 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 24.03 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 23.79 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 23.76 | | | |
| 100 | QPSK | 1 | 1 | | 23.34 | | | |
| 100 | QPSK | 1 | 137 | | 24.05 | | 25.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 23.40 | | | |
| 100 | QPSK | 135 | 0 | | 23.83 | | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.04 | | 25.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.72 | | 25.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 23.88 | | | |
| 100 | 16QAM | 1 | 1 | | 23.23 | | 25.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 23.18 | | 25.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.98 | | 23.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 646968 | 650000 | 653034 | | |
| 90 | QPSK | 1 | 123 | 24.01 | 23.93 | 24.02 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 23.93 | 23.99 | 24.00 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 23.98 | 23.98 | 23.94 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 651968 | | |
| 50 | QPSK | 1 | 67 | 24.02 | 23.99 | 24.03 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | | |
| 40 | QPSK | 1 | 53 | 23.98 | 23.93 | 23.94 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3765.01 | | |
| 30 | QPSK | 1 | 39 | 24.00 | 23.94 | 23.88 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 23.92 | 23.92 | 23.85 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 23.98 | 23.89 | 23.96 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | | |
| 10 | QPSK | 1 | 12 | 24.02 | 24.00 | 23.91 | 25.0 | 0.0 |



Part270 n78 PC2 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | 3760 | 3760 | 3760 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 24.23 | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 24.99 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | | 24.37 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 24.26 | | 25.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 25.04 | | 26.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 24.44 | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 24.37 | | | |
| 100 | QPSK | 1 | 1 | | 24.35 | | | |
| 100 | QPSK | 1 | 137 | | 25.20 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 24.54 | | | |
| 100 | QPSK | 135 | 0 | | 23.66 | | 25.0 | 1.0 |
| 100 | QPSK | 135 | 69 | | 25.15 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.83 | | | |
| 100 | QPSK | 270 | 0 | | 23.99 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.24 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 21.83 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.20 | | 21.5 | 4.5 |
| Channel | | | | 649668 | 650000 | 650334 | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | |
| 90 | QPSK | 1 | 123 | 25.09 | 25.14 | 25.04 | 26.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | |
| 80 | QPSK | 1 | 109 | 25.04 | 25.14 | 25.04 | 26.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651334 | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 25.07 | 25.08 | 25.05 | 26.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3755.02 | | |
| 50 | QPSK | 1 | 67 | 25.15 | 25.18 | 25.18 | 26.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3760 | | |
| 40 | QPSK | 1 | 53 | 25.09 | 25.18 | 25.07 | 26.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | |
| 30 | QPSK | 1 | 39 | 25.13 | 25.11 | 25.09 | 26.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3761.02 | | |
| 20 | QPSK | 1 | 26 | 25.16 | 25.10 | 25.17 | 26.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | | |
| 15 | QPSK | 1 | 19 | 25.14 | 25.18 | 25.17 | 26.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 12 | 25.13 | 25.08 | 25.12 | 26.0 | 0.0 |



Part270 n77 PC3 Ant5 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 18.54 | 18.59 | 18.51 | | |
| 100 | PI2 BPSK | 1 | 137 | 19.15 | 19.23 | 19.07 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 18.70 | 18.86 | 18.83 | | |
| 100 | PI2 BPSK | 135 | 0 | 19.03 | 19.13 | 19.00 | 20.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 19.30 | 19.36 | 19.24 | 20.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 19.07 | 19.16 | 19.00 | 20.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 19.02 | 19.06 | 18.99 | | |
| 100 | QPSK | 1 | 1 | 18.05 | 18.09 | 18.81 | | |
| 100 | QPSK | 1 | 137 | 19.29 | 19.44 | 19.20 | 20.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.57 | 18.73 | 18.61 | | |
| 100 | QPSK | 135 | 0 | 19.05 | 19.08 | 18.99 | 20.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.25 | 19.29 | 19.20 | 20.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.98 | 18.96 | 18.83 | 20.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 19.16 | 19.23 | 19.14 | | |
| 100 | 16QAM | 1 | 1 | 18.58 | 18.63 | 18.55 | 20.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.53 | 18.58 | 18.54 | 20.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.38 | 17.40 | 17.33 | 19.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dB) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 19.18 | 19.33 | 19.17 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650666 | Tune-up limit (dB) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 19.21 | 19.29 | 19.14 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 653334 | Tune-up limit (dB) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 19.23 | 19.38 | 19.15 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | Tune-up limit (dB) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 19.19 | 19.41 | 19.18 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | Tune-up limit (dB) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 19.16 | 19.34 | 19.05 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dB) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 19.23 | 19.35 | 19.12 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | Tune-up limit (dB) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 19.12 | 19.31 | 19.17 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 19.15 | 19.37 | 19.15 | 20.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 19.19 | 19.35 | 19.13 | 20.5 | 0.0 |

Part270 n77 PC2 Ant5 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 21.64 | 21.55 | 21.64 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.09 | 22.23 | 22.21 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 21.76 | 21.90 | 21.78 | | |
| 100 | PI2 BPSK | 135 | 0 | 21.56 | 21.82 | 21.48 | 23.0 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 22.28 | 22.36 | 22.24 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 21.78 | 21.81 | 21.71 | 23.0 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 21.41 | 21.56 | 21.50 | | |
| 100 | QPSK | 1 | 1 | 21.58 | 21.86 | 21.67 | | |
| 100 | QPSK | 1 | 137 | 22.30 | 22.46 | 22.22 | 23.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.70 | 21.84 | 21.77 | | |
| 100 | QPSK | 135 | 0 | 20.93 | 20.97 | 20.91 | 22.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 22.27 | 22.39 | 22.21 | 23.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.00 | 21.14 | 21.00 | 22.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 21.08 | 21.24 | 21.11 | | |
| 100 | 16QAM | 1 | 1 | 20.51 | 20.54 | 20.64 | 22.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 19.12 | 19.02 | 19.10 | 21.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 17.35 | 17.39 | 17.33 | 19.0 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dB) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 22.15 | 22.37 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dB) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 22.26 | 22.38 | 22.12 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 653334 | Tune-up limit (dB) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 22.23 | 22.29 | 22.12 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | Tune-up limit (dB) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 22.21 | 22.30 | 22.12 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | Tune-up limit (dB) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 22.25 | 22.35 | 22.05 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dB) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 22.20 | 22.43 | 22.14 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | Tune-up limit (dB) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 22.27 | 22.40 | 22.10 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 22.27 | 22.35 | 22.10 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 22.24 | 22.41 | 22.18 | 23.5 | 0.0 |

Part270 n78 PC3 Ant5 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 22.53 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 23.28 | | 24.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 22.87 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 23.06 | | 24.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 23.33 | | 24.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 23.16 | | 24.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 22.93 | | | |
| 100 | QPSK | 1 | 1 | | 22.61 | | | |
| 100 | QPSK | 1 | 137 | | 23.38 | | 24.5 | 0.0 |
| 100 | QPSK | 1 | 271 | | 22.62 | | | |
| 100 | QPSK | 135 | 0 | | 23.05 | | 24.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 23.30 | | 24.5 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.03 | | 24.5 | 0.0 |
| 100 | QPSK | 270 | 0 | | 23.21 | | | |
| 100 | 16QAM | 1 | 1 | | 22.61 | | 24.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.53 | | 24.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.33 | | 23.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 650334 | Tune-up limit (dB) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 23.26 | 23.20 | 23.31 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dB) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 23.24 | 23.25 | 23.20 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 651334 | Tune-up limit (dB) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 23.32 | 23.24 | 23.26 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 651668 | Tune-up limit (dB) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 23.28 | 23.33 | 23.27 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | Tune-up limit (dB) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 23.29 | 23.26 | 23.25 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3755.01 | Tune-up limit (dB) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 23.26 | 23.29 | 23.31 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dB) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 23.19 | 23.30 | 23.30 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 23.23 | 23.22 | 23.21 | 24.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 23.25 | 23.25 | 23.24 | 24.5 | 0.0 |



Part270 n77 PC3 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 21.54 | 21.61 | 21.68 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.01 | 22.16 | 22.04 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 21.86 | 21.79 | 21.86 | | |
| 100 | PI2 BPSK | 135 | 0 | 22.00 | 22.13 | 22.01 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 22.02 | 22.13 | 22.07 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 21.89 | 22.06 | 21.91 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 22.01 | 22.07 | 21.92 | | |
| 100 | QPSK | 1 | 1 | 21.51 | 21.66 | 21.35 | | |
| 100 | QPSK | 1 | 137 | 22.56 | 22.57 | 22.43 | 23.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.53 | 21.67 | 21.60 | | |
| 100 | QPSK | 135 | 0 | 22.02 | 22.07 | 22.00 | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.31 | 22.35 | 22.18 | 23.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.96 | 22.06 | 21.99 | 23.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.20 | 22.25 | 22.05 | | |
| 100 | 16QAM | 1 | 1 | 21.54 | 21.68 | 21.54 | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.56 | 21.62 | 21.54 | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.52 | 20.67 | 20.54 | 22.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 22.24 | 22.37 | 22.07 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 649668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 22.21 | 22.33 | 22.13 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 22.32 | 22.33 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 649668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 22.25 | 22.25 | 22.08 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 648000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 22.20 | 22.31 | 22.11 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 22.26 | 22.26 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 646668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 22.21 | 22.35 | 22.21 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 646834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 22.32 | 22.32 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 650000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 22.23 | 22.39 | 22.21 | 23.5 | 0.0 |

Part270 n77 PC2 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 24.66 | 24.82 | 24.65 | | |
| 100 | PI2 BPSK | 1 | 137 | 25.28 | 25.32 | 25.18 | 26.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 24.74 | 24.83 | 24.70 | | |
| 100 | PI2 BPSK | 135 | 0 | 24.81 | 24.86 | 24.49 | 26.0 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 25.35 | 25.45 | 25.41 | 26.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 24.71 | 24.75 | 24.62 | 26.0 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 24.85 | 24.89 | 24.67 | | |
| 100 | QPSK | 1 | 1 | 24.64 | 24.81 | 24.52 | | |
| 100 | QPSK | 1 | 137 | 25.45 | 25.57 | 25.32 | 26.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.72 | 24.80 | 24.67 | | |
| 100 | QPSK | 135 | 0 | 24.12 | 24.28 | 24.14 | 25.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.43 | 25.50 | 25.31 | 26.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.25 | 24.30 | 24.25 | 25.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 24.35 | 24.43 | 24.27 | | |
| 100 | 16QAM | 1 | 1 | 23.71 | 23.76 | 23.60 | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.28 | 22.33 | 22.29 | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.77 | 20.80 | 20.70 | 22.0 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 25.36 | 25.52 | 25.26 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 649668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 25.43 | 25.51 | 25.20 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 25.35 | 25.54 | 25.22 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 649668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 25.42 | 25.46 | 25.24 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 648000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.24 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 25.40 | 25.50 | 25.27 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 646668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 25.33 | 25.49 | 25.10 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 646834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 25.31 | 25.53 | 25.20 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 650000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 25.36 | 25.52 | 25.18 | 26.5 | 0.0 |

Part270 n78 PC3 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 21.81 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 22.29 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 21.86 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 22.19 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 22.27 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 22.29 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 22.23 | | | |
| 100 | QPSK | 1 | 1 | | 21.76 | | | |
| 100 | QPSK | 1 | 137 | | 22.51 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 271 | | 21.91 | | | |
| 100 | QPSK | 135 | 0 | | 22.05 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.45 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 138 | | 22.26 | | 23.5 | 0.0 |
| 100 | QPSK | 270 | 0 | | 22.27 | | | |
| 100 | 16QAM | 1 | 1 | | 21.93 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.87 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.50 | | 22.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 22.45 | 22.49 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 22.41 | 22.41 | 22.40 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 22.38 | 22.35 | 22.39 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 22.42 | 22.37 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 22.38 | 22.46 | 22.45 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3755.02 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 22.43 | 22.40 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 22.35 | 22.43 | 22.45 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 22.39 | 22.34 | 22.46 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 22.48 | 22.45 | 22.43 | 23.5 | 0.0 |



Part270 n78 PC2 Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|-----|
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3760 | 3760 | 3760 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 24.94 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 25.34 | | 28.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 24.87 | | 28.0 | 0.5 | |
| 100 | PI2 BPSK | 135 | 0 | | 24.58 | | 28.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 24.74 | | 28.0 | 0.5 | |
| 100 | PI2 BPSK | 135 | 138 | | 24.71 | | | | |
| 100 | QPSK | 1 | 1 | | 24.81 | | | | |
| 100 | QPSK | 1 | 137 | | 25.54 | | 28.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 24.96 | | | | |
| 100 | QPSK | 135 | 0 | | 24.15 | | 25.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 25.47 | | 28.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 24.31 | | 25.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | | 24.33 | | | | |
| 100 | 16QAM | 1 | 1 | | 23.85 | | 25.5 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 22.28 | | 24.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 20.67 | | 22.0 | 4.5 | |
| Channel | | | | 649888 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 123 | | 25.48 | 25.44 | 25.44 | 28.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 25.39 | 25.45 | 25.51 | 28.5 | 0.0 |
| Channel | | | | 648868 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 25.44 | 25.48 | 25.37 | 28.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | | 25.40 | 25.50 | 25.39 | 28.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 25.43 | 25.48 | 25.44 | 28.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 25.40 | 25.39 | 25.39 | 28.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | | 25.39 | 25.41 | 25.50 | 28.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 653334 | | | |
| Frequency (MHz) | | | | 3707.82 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | | 25.45 | 25.48 | 25.41 | 28.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 25.48 | 25.48 | 25.46 | 28.5 | 0.0 |



Reduced Power Mode for DS12

n2 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| | | | | Low Ch. / Freq. | Mid Hz Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.55 | 22.71 | 22.63 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 53 | 22.65 | 22.74 | 22.59 | | |
| 20 | PI2 BPSK | 1 | 104 | 22.53 | 22.70 | 22.59 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.21 | 22.28 | 22.25 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 22.64 | 22.67 | 22.56 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 56 | 22.19 | 22.25 | 22.14 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.08 | 22.23 | 22.19 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.77 | 22.68 | | |
| 20 | QPSK | 1 | 53 | 22.58 | 22.70 | 22.55 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.51 | 22.66 | 22.51 | | |
| 20 | QPSK | 50 | 0 | 21.80 | 21.76 | 21.61 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.63 | 22.73 | 22.58 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.97 | 21.71 | 21.61 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.60 | 21.69 | 21.57 | | |
| 20 | 16QAM | 1 | 1 | 21.36 | 21.47 | 21.39 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.93 | 19.99 | 19.83 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.22 | 18.30 | 18.32 | 19.5 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.60 | 22.61 | 22.63 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.66 | 22.64 | 22.60 | 24.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.84 | 22.85 | 22.63 | 24.0 | 0.0 |

n5 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| | | | | Low Ch. / Freq. | Mid Hz Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.79 | | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.86 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.36 | 22.19 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 22.76 | 22.91 | 22.86 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 56 | 22.36 | 22.42 | 22.29 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.26 | 22.38 | 22.24 | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.95 | 22.90 | | |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.78 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.80 | 22.88 | 22.81 | | |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.92 | 22.92 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.84 | 21.88 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.69 | 21.83 | 21.78 | | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 19.5 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.76 | 22.81 | 22.88 | 24.0 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 |

n7 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| | | | | Low Ch. / Freq. | Mid Hz Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 22.81 | 22.98 | 22.92 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 135 | 22.94 | 23.12 | 23.05 | | |
| 50 | PI2 BPSK | 1 | 268 | 22.80 | 22.89 | 22.83 | | |
| 50 | PI2 BPSK | 135 | 0 | 22.29 | 22.75 | 22.82 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 135 | 68 | 23.07 | 23.15 | 23.04 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 22.52 | 22.67 | 22.54 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 270 | 0 | 22.69 | 22.71 | 22.66 | | |
| 50 | QPSK | 1 | 1 | 23.07 | 23.17 | 23.12 | | |
| 50 | QPSK | 1 | 135 | 23.00 | 23.08 | 22.95 | 24.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 22.77 | 22.87 | 22.80 | | |
| 50 | QPSK | 135 | 0 | 22.21 | 22.33 | 22.20 | 23.0 | 1.0 |
| 50 | QPSK | 135 | 68 | 23.02 | 23.12 | 22.99 | 24.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 22.17 | 22.30 | 22.20 | 23.0 | 1.0 |
| 50 | QPSK | 270 | 0 | 22.24 | 22.34 | 22.25 | | |
| 50 | 16QAM | 1 | 1 | 21.67 | 21.79 | 21.76 | 23.0 | 1.0 |
| 50 | 64QAM | 1 | 1 | 20.29 | 20.33 | 20.30 | 21.5 | 2.5 |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 23.01 | 23.06 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.95 | 23.04 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 511500 | | |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 22.99 | 23.02 | 22.78 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.97 | 23.06 | 22.78 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 22.92 | 23.14 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 22.83 | 23.14 | 22.83 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 22.97 | 23.07 | 22.81 | 24.0 | 0.0 |



n66 Ant0 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------|------------------|----------------|---------------------|----------|
| | | | | Low Ch. Freq. | Middle Ch. Freq. | High Ch. Freq. | | |
| Channel | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI2 BPSK | 1 | 1 | 22.27 | 22.41 | 22.29 | | |
| 40 | PI2 BPSK | 1 | 108 | 22.30 | 22.37 | 22.29 | 24.0 | 0.0 |
| 40 | PI2 BPSK | 1 | 214 | 22.25 | 22.29 | 22.15 | | |
| 40 | PI2 BPSK | 108 | 0 | 21.65 | 21.77 | 21.73 | 23.5 | 0.5 |
| 40 | PI2 BPSK | 108 | 54 | 22.37 | 22.45 | 22.29 | 24.0 | 0.0 |
| 40 | PI2 BPSK | 108 | 108 | 21.81 | 21.83 | 21.76 | | |
| 40 | PI2 BPSK | 216 | 0 | 21.20 | 21.74 | 21.57 | 23.5 | 0.5 |
| 40 | QPSK | 1 | 1 | 22.43 | 22.50 | 22.41 | | |
| 40 | QPSK | 1 | 108 | 22.47 | 22.49 | 22.41 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 22.21 | 22.24 | 22.17 | | |
| 40 | QPSK | 108 | 0 | 21.23 | 21.26 | 21.18 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.39 | 22.50 | 22.36 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.30 | 21.33 | 21.19 | | |
| 40 | QPSK | 216 | 0 | 21.23 | 21.37 | 21.25 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.24 | 21.39 | 21.29 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 19.77 | 19.88 | 19.79 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 17.74 | 17.91 | 17.88 | 19.5 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.27 | 22.47 | 22.29 | 24.0 | 0.0 |
| Channel | | | | 346000 | 349000 | 353000 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.29 | 22.43 | 22.31 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.42 | 22.38 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.27 | 22.33 | 22.27 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.28 | 22.41 | 22.37 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.27 | 22.34 | 22.30 | 24.0 | 0.0 |



| n38 Ant0 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 2590.02 | 2595 | 2599.98 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.39 | 22.52 | 22.47 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 22.77 | 22.90 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 22.35 | 22.45 | 22.36 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.20 | 22.30 | 22.27 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.77 | 22.91 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 22.24 | 22.27 | 22.14 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.27 | 22.31 | 22.21 | | | |
| 40 | QPSK | 1 | 1 | 22.57 | 22.43 | 22.54 | | | |
| 40 | QPSK | 1 | 53 | 22.86 | 22.94 | 22.87 | 24.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 22.40 | 22.47 | 22.39 | | | |
| 40 | QPSK | 50 | 0 | 21.62 | 21.76 | 21.66 | 23.0 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.79 | 22.67 | 22.78 | 24.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 21.70 | 21.72 | 21.61 | 23.0 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.71 | 21.77 | 21.74 | | | |
| 40 | 16QAM | 1 | 1 | 21.23 | 21.27 | 21.16 | 23.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 19.62 | 19.77 | 19.70 | 21.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.32 | 18.43 | 18.30 | 19.5 | 4.5 | |
| Channel | | | | 5170.02 | 5190.00 | 5209.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 5170.02 | 5190.00 | 5209.98 | | | |
| 30 | QPSK | 1 | 39 | 22.86 | 22.90 | 22.79 | 24.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 516504 | 519000 | 521496 | | | |
| 25 | QPSK | 1 | 32 | 22.69 | 22.81 | 22.68 | 24.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 520000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 516000 | 519000 | 520000 | | | |
| 20 | QPSK | 1 | 26 | 22.71 | 22.84 | 22.67 | 24.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 515502 | 519000 | 522498 | | | |
| 15 | QPSK | 1 | 19 | 22.68 | 22.86 | 22.83 | 24.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 515004 | 519000 | 522996 | | | |
| 10 | QPSK | 1 | 12 | 22.63 | 22.86 | 22.83 | 24.0 | 0.0 | |

| n41 PC3 Ant0 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 2546.01 | 2592.99 | 2640 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.29 | 22.40 | 22.26 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.83 | 22.97 | 22.91 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.27 | 22.31 | 22.19 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.28 | 22.42 | 22.30 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.79 | 22.95 | 22.93 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.16 | 22.32 | 22.21 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.21 | 22.37 | 22.21 | | | |
| 100 | QPSK | 1 | 1 | 22.23 | 22.31 | 22.16 | | | |
| 100 | QPSK | 1 | 137 | 22.97 | 23.01 | 22.96 | 24.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.22 | 22.28 | 22.21 | | | |
| 100 | QPSK | 135 | 0 | 21.78 | 21.90 | 21.80 | 23.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.84 | 22.98 | 22.83 | 24.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.65 | 21.78 | 21.65 | 23.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.75 | 21.85 | 21.82 | | | |
| 100 | 16QAM | 1 | 1 | 21.41 | 21.48 | 21.45 | 23.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.86 | 19.88 | 19.73 | 21.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.35 | 18.38 | 18.27 | 19.5 | 4.5 | |
| Channel | | | | 5000.00 | 5189.98 | 5309.96 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 5000.00 | 5189.98 | 5309.96 | | | |
| 90 | QPSK | 1 | 123 | 22.79 | 22.84 | 22.75 | 24.0 | 0.0 | |
| Channel | | | | 507204 | 5189.98 | 5299.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 507204 | 5189.98 | 5299.98 | | | |
| 80 | QPSK | 1 | 109 | 22.81 | 22.98 | 22.90 | 24.0 | 0.0 | |
| Channel | | | | 502000 | 5189.98 | 5319.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 502000 | 5189.98 | 5319.98 | | | |
| 60 | QPSK | 1 | 81 | 22.89 | 22.89 | 22.72 | 24.0 | 0.0 | |
| Channel | | | | 504204 | 5189.98 | 5329.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 504204 | 5189.98 | 5329.98 | | | |
| 50 | QPSK | 1 | 67 | 22.94 | 22.87 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 503202 | 5189.98 | 5340.00 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 503202 | 5189.98 | 5340.00 | | | |
| 40 | QPSK | 1 | 53 | 22.80 | 22.84 | 22.76 | 24.0 | 0.0 | |
| Channel | | | | 500200 | 5189.98 | 5359.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 500200 | 5189.98 | 5359.98 | | | |
| 30 | QPSK | 1 | 39 | 22.84 | 22.92 | 22.86 | 24.0 | 0.0 | |
| Channel | | | | 501204 | 5189.98 | 5369.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 501204 | 5189.98 | 5369.98 | | | |
| 20 | QPSK | 1 | 26 | 22.76 | 22.67 | 22.64 | 24.0 | 0.0 | |
| Channel | | | | 500700 | 5189.98 | 5364.98 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 500700 | 5189.98 | 5364.98 | | | |
| 15 | QPSK | 1 | 19 | 22.87 | 22.89 | 22.87 | 24.0 | 0.0 | |
| Channel | | | | 500202 | 5189.98 | 5370.00 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 500202 | 5189.98 | 5370.00 | | | |
| 10 | QPSK | 1 | 12 | 22.74 | 22.97 | 22.77 | 24.0 | 0.0 | |



n2 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1860 | 1860 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 19.18 | 19.28 | 19.20 | | |
| 20 | PI2 BPSK | 1 | 53 | 19.11 | 19.16 | 19.07 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 19.05 | 19.12 | 19.00 | | |
| 20 | PI2 BPSK | 50 | 0 | 19.95 | 19.07 | 19.02 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 28 | 19.11 | 19.23 | 19.08 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 19.15 | 19.18 | 19.12 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 100 | 0 | 19.13 | 19.21 | 19.19 | | |
| 20 | QPSK | 1 | 1 | 19.27 | 19.35 | 19.23 | | |
| 20 | QPSK | 1 | 53 | 19.17 | 19.24 | 19.15 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 19.03 | 19.14 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.97 | 19.11 | 19.08 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.20 | 19.31 | 19.26 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 19.09 | 19.22 | 19.10 | | |
| 20 | QPSK | 100 | 0 | 19.13 | 19.25 | 19.22 | 20.0 | 0.0 |
| 20 | 16QAM | 1 | 1 | 18.81 | 18.92 | 18.85 | 20.0 | 0.0 |
| 20 | 16QAM | 1 | 1 | 18.72 | 18.86 | 18.80 | 20.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.84 | 17.91 | 17.75 | 18.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375000 | 376000 | 380000 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 19.19 | 19.29 | 19.12 | 20.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 376000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 19.14 | 19.23 | 19.11 | 20.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 18.52 | 18.60 | 19.07 | 20.0 | 0.0 |

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.88 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.28 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.28 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.84 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 23.20 | 23.35 | 23.21 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 17.21 | 17.26 | 17.26 | | |
| 50 | PI2 BPSK | 1 | 135 | 17.13 | 17.17 | 17.05 | 18.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 17.10 | 17.17 | 17.04 | | |
| 50 | PI2 BPSK | 135 | 0 | 16.93 | 17.11 | 17.09 | 18.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 68 | 17.16 | 17.20 | 17.09 | 18.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 17.19 | 17.20 | 17.18 | 18.0 | 0.0 |
| 50 | PI2 BPSK | 270 | 0 | 17.17 | 17.25 | 17.16 | | |
| 50 | QPSK | 1 | 1 | 17.31 | 17.33 | 17.28 | | |
| 50 | QPSK | 1 | 135 | 17.15 | 17.22 | 17.17 | 18.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 17.02 | 17.13 | 16.98 | | |
| 50 | QPSK | 135 | 0 | 17.03 | 17.16 | 16.96 | 18.0 | 0.0 |
| 50 | QPSK | 135 | 68 | 17.23 | 17.30 | 17.26 | 18.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 17.07 | 17.17 | 17.11 | 18.0 | 0.0 |
| 50 | QPSK | 270 | 0 | 17.19 | 17.21 | 17.14 | | |
| 50 | 16QAM | 1 | 1 | 16.85 | 16.87 | 16.90 | 18.0 | 0.0 |
| 50 | 16QAM | 1 | 1 | 16.73 | 16.91 | 16.77 | 18.0 | 0.0 |
| 50 | 256QAM | 1 | 1 | 16.81 | 16.88 | 16.82 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 50500 | 50700 | 51000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 1 | 17.24 | 17.27 | 17.20 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 1 | 17.24 | 17.30 | 17.17 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| 25 | QPSK | 1 | 1 | 17.17 | 17.22 | 17.25 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| 20 | PI2 BPSK | 1 | 1 | 17.24 | 17.25 | 17.20 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 25.07 | 25.35 | 25.62 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 17.19 | 17.18 | 17.15 | 18.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 17.25 | 17.21 | 17.17 | 18.0 | 0.0 |



n66 Ant1 DS12

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq | Power Middle Ch. / Freq | Power High Ch. / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| Channel | | | | 349000 | 349000 | 350000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.80 | 18.92 | 18.86 | | |
| 40 | PI/2 BPSK | 1 | 108 | 18.77 | 18.78 | 18.85 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 18.85 | 18.71 | 18.83 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.53 | 18.70 | 18.87 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.68 | 18.78 | 18.69 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.77 | 18.75 | 18.78 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.78 | 18.87 | 18.76 | | |
| 40 | QPSK | 1 | 1 | 18.88 | 18.88 | 18.93 | | |
| 40 | QPSK | 1 | 108 | 18.78 | 18.81 | 18.73 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 18.68 | 18.69 | 18.60 | | |
| 40 | QPSK | 108 | 0 | 18.58 | 18.74 | 18.82 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.79 | 18.82 | 18.82 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.74 | 18.83 | 18.75 | | |
| 40 | QPSK | 216 | 0 | 18.68 | 18.90 | 18.78 | 20.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.38 | 18.49 | 18.41 | 20.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.32 | 18.46 | 18.44 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.38 | 18.32 | 19.5 | 0.5 |
| Channel | | | | 343000 | 343000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 18.85 | 18.95 | 18.89 | 20.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1727.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 18.75 | 18.94 | 18.92 | 20.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 18.74 | 18.92 | 18.88 | 20.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 18.79 | 18.89 | 18.89 | 20.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 18.84 | 18.90 | 18.84 | 20.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 18.81 | 18.88 | 18.90 | 20.0 | 0.0 |



| n38 Ant1 DS12 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power | | | Tune-up limit (dBm) | MPR (dB) |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 2590.02 | 2595 | 2599.98 | | |
| Frequency (MHz) | | | | 5190.04 | 5190.00 | 5190.96 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.13 | 16.24 | 16.14 | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.48 | 16.62 | 16.48 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 18.00 | 16.11 | 16.06 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.42 | 16.54 | 16.45 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.50 | 16.57 | 16.46 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 18.28 | 16.33 | 16.26 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 18.36 | 16.41 | 16.26 | | |
| 40 | QPSK | 1 | 1 | 18.17 | 16.30 | 16.21 | | |
| 40 | QPSK | 1 | 53 | 18.59 | 16.84 | 16.56 | 17.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 15.95 | 16.02 | 15.98 | | |
| 40 | QPSK | 50 | 0 | 18.42 | 16.49 | 16.41 | 17.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.48 | 16.60 | 16.53 | 17.5 | 0.0 |
| 40 | QPSK | 80 | 56 | 18.21 | 16.26 | 16.11 | 17.5 | 0.0 |
| 40 | QPSK | 100 | 0 | 18.42 | 16.47 | 16.33 | | |
| 40 | 16QAM | 1 | 1 | 16.09 | 16.14 | 16.02 | 17.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 16.02 | 16.07 | 16.04 | 17.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.89 | 16.02 | 15.91 | 17.5 | 0.0 |
| Channel | | | | 5170.02 | 5190.00 | 5209.98 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 39 | 16.47 | 16.55 | 16.50 | 17.5 | 0.0 |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | (dBm) | (dB) |
| 25 | QPSK | 1 | 32 | 16.53 | 16.59 | 16.52 | 17.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | (dBm) | (dB) |
| 20 | QPSK | 1 | 26 | 16.44 | 16.60 | 16.47 | 17.5 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2614.99 | (dBm) | (dB) |
| 15 | QPSK | 1 | 19 | 16.52 | 16.58 | 16.44 | 17.5 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | (dBm) | (dB) |
| 10 | QPSK | 1 | 12 | 16.44 | 16.61 | 16.42 | 17.5 | 0.0 |

| n41 PC3 Ant1 DS12 | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power | | | Tune-up limit (dBm) | MPR (dB) |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 2546.01 | 2592.99 | 2640 | | |
| Frequency (MHz) | | | | 5092.00 | 5185.98 | 5280.00 | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.01 | 16.13 | 15.99 | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.63 | 16.68 | 16.55 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 15.99 | 15.92 | 15.80 | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.48 | 16.61 | 16.51 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 16.56 | 16.66 | 16.55 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 16.30 | 16.34 | 16.24 | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 16.45 | 16.49 | 16.44 | | |
| 100 | QPSK | 1 | 1 | 16.08 | 16.18 | 16.08 | | |
| 100 | QPSK | 1 | 137 | 16.76 | 16.79 | 16.72 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.83 | 15.86 | 15.75 | | |
| 100 | QPSK | 135 | 0 | 16.50 | 16.58 | 16.44 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.56 | 16.68 | 16.60 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.25 | 16.29 | 16.27 | 17.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.44 | 16.48 | 16.38 | | |
| 100 | 16QAM | 1 | 1 | 15.92 | 16.06 | 16.02 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.84 | 15.99 | 15.87 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.80 | 15.92 | 15.80 | 17.5 | 0.0 |
| Channel | | | | 508200 | 5185.98 | 5280.00 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.99 | (dBm) | (dB) |
| 90 | QPSK | 1 | 123 | 16.71 | 16.75 | 16.64 | 17.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529988 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2648.99 | (dBm) | (dB) |
| 80 | QPSK | 1 | 109 | 16.67 | 16.69 | 16.61 | 17.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531998 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | (dBm) | (dB) |
| 60 | QPSK | 1 | 81 | 16.66 | 16.70 | 16.68 | 17.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2521.69 | 2592.99 | 2649.99 | (dBm) | (dB) |
| 50 | QPSK | 1 | 67 | 16.64 | 16.76 | 16.63 | 17.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | (dBm) | (dB) |
| 40 | QPSK | 1 | 53 | 16.67 | 16.72 | 16.68 | 17.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 535998 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.99 | (dBm) | (dB) |
| 30 | QPSK | 1 | 39 | 16.68 | 16.64 | 16.65 | 17.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 536998 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2678.99 | (dBm) | (dB) |
| 20 | QPSK | 1 | 26 | 16.72 | 16.72 | 16.69 | 17.5 | 0.0 |
| Channel | | | | 500700 | 518598 | 538498 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | (dBm) | (dB) |
| 15 | QPSK | 1 | 19 | 16.70 | 16.67 | 16.64 | 17.5 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2491.61 | 2592.99 | 2685 | (dBm) | (dB) |
| 10 | QPSK | 1 | 12 | 16.63 | 16.71 | 16.67 | 17.5 | 0.0 |



PC2&3 Part270 n77 Ant2 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | 65000 | 65000 | 65000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | Pi/2 BPSK | 1 | 1 | 18.96 | 16.87 | 16.88 | | |
| 100 | Pi/2 BPSK | 1 | 137 | 17.23 | 17.42 | 17.17 | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 1 | 271 | 16.78 | 17.12 | 16.97 | | |
| 100 | Pi/2 BPSK | 135 | 0 | 18.82 | 16.89 | 16.93 | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 69 | 17.44 | 17.57 | 17.35 | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 138 | 17.18 | 17.46 | 17.32 | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 270 | 0 | 18.85 | 16.84 | 16.89 | | |
| 100 | QPSK | 1 | 1 | 16.86 | 16.77 | 16.61 | | |
| 100 | QPSK | 1 | 137 | 17.41 | 17.58 | 17.48 | 18.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 16.94 | 16.86 | 16.72 | | |
| 100 | QPSK | 135 | 0 | 17.22 | 17.40 | 17.26 | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.37 | 17.54 | 17.50 | 18.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.30 | 17.43 | 17.33 | 18.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.31 | 17.38 | 17.32 | | |
| 100 | 16QAM | 1 | 1 | 17.42 | 17.47 | 17.40 | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.40 | 17.36 | 17.35 | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.23 | 17.24 | 17.23 | 18.5 | 0.0 |
| Channel | | | | 64998 | 65000 | 65034 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 17.11 | 17.35 | 17.21 | 18.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) |
| 80 | QPSK | 1 | 109 | 18.07 | 17.22 | 17.23 | 18.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 653334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) |
| 60 | QPSK | 1 | 81 | 17.18 | 17.22 | 17.30 | 18.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) |
| 50 | QPSK | 1 | 67 | 17.10 | 17.38 | 17.27 | 18.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) |
| 40 | QPSK | 1 | 53 | 17.15 | 17.25 | 17.18 | 18.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) |
| 30 | QPSK | 1 | 39 | 17.13 | 17.15 | 17.09 | 18.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) |
| 20 | QPSK | 1 | 26 | 17.10 | 17.21 | 17.12 | 18.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 654934 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | (dBm) | (dB) |
| 15 | QPSK | 1 | 19 | 17.14 | 17.14 | 17.28 | 18.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) |
| 10 | QPSK | 1 | 12 | 17.04 | 17.20 | 17.21 | 18.5 | 0.0 |

PC2&3 Part270 n78 Ant2 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | 65000 | 65000 | 65000 | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | Pi/2 BPSK | 1 | 1 | | 16.77 | | | |
| 100 | Pi/2 BPSK | 1 | 137 | | 17.21 | | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 1 | 271 | | 17.00 | | | |
| 100 | Pi/2 BPSK | 135 | 0 | | 16.68 | | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 69 | | 17.40 | | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 138 | | 17.29 | | 18.5 | 0.0 |
| 100 | Pi/2 BPSK | 270 | 0 | | 16.71 | | | |
| 100 | QPSK | 1 | 1 | | 16.88 | | | |
| 100 | QPSK | 1 | 137 | | 17.42 | | 18.5 | 0.0 |
| 100 | QPSK | 1 | 271 | | 16.78 | | | |
| 100 | QPSK | 135 | 0 | | 17.32 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.41 | | 18.5 | 0.0 |
| 100 | QPSK | 135 | 138 | | 17.29 | | 18.5 | 0.0 |
| 100 | QPSK | 270 | 0 | | 17.24 | | | |
| 100 | 16QAM | 1 | 1 | | 17.35 | | 18.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.27 | | 18.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.06 | | 18.5 | 0.0 |
| Channel | | | | 64998 | 650000 | 65034 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | (dBm) | (dB) |
| 90 | QPSK | 1 | 123 | 17.03 | 17.27 | 17.05 | 18.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | (dBm) | (dB) |
| 80 | QPSK | 1 | 109 | 18.04 | 17.21 | 17.14 | 18.5 | 0.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | (dBm) | (dB) |
| 60 | QPSK | 1 | 81 | 16.83 | 17.29 | 17.06 | 18.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | (dBm) | (dB) |
| 50 | QPSK | 1 | 67 | 16.86 | 17.19 | 17.11 | 18.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | (dBm) | (dB) |
| 40 | QPSK | 1 | 53 | 16.81 | 17.20 | 17.16 | 18.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | (dBm) | (dB) |
| 30 | QPSK | 1 | 39 | 17.04 | 17.11 | 17.09 | 18.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3792.02 | (dBm) | (dB) |
| 20 | QPSK | 1 | 26 | 16.93 | 17.22 | 17.19 | 18.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652934 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | (dBm) | (dB) |
| 15 | QPSK | 1 | 19 | 16.93 | 17.11 | 17.15 | 18.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | (dBm) | (dB) |
| 10 | QPSK | 1 | 12 | 16.93 | 17.25 | 17.25 | 18.5 | 0.0 |



PC2&3 Part270 n77 Ant4 DS12

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | Pl2 BPSK | 1 | 1 | 15.12 | 15.42 | 15.33 | | |
| 100 | Pl2 BPSK | 1 | 137 | 15.50 | 16.06 | 16.04 | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 1 | 271 | 15.58 | 15.60 | 15.51 | | |
| 100 | Pl2 BPSK | 135 | 0 | 15.91 | 15.88 | 15.83 | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 69 | 16.07 | 16.20 | 15.98 | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 138 | 16.10 | 15.98 | 15.88 | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 270 | 0 | 15.43 | 15.50 | 15.39 | | |
| 100 | QPSK | 1 | 1 | 15.48 | 15.60 | 15.36 | | |
| 100 | QPSK | 1 | 137 | 16.21 | 16.44 | 16.18 | 17.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.57 | 15.64 | 15.47 | | |
| 100 | QPSK | 135 | 0 | 15.59 | 15.69 | 15.46 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.24 | 16.29 | 15.97 | 17.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.70 | 15.79 | 15.62 | 17.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 15.68 | 15.58 | 15.60 | | |
| 100 | 16QAM | 1 | 1 | 15.26 | 15.32 | 15.36 | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.41 | 15.44 | 15.46 | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.89 | 15.96 | 15.92 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 16.06 | 16.26 | 15.98 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 656000 | 652668 | | |
| 80 | QPSK | 1 | 109 | 3740.01 | 3840 | 3940.02 | | |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648968 | 655000 | 653334 | | |
| 60 | QPSK | 1 | 81 | 16.03 | 16.32 | 16.04 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 655000 | 653668 | | |
| 50 | QPSK | 1 | 67 | 16.09 | 16.23 | 15.91 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 655000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 16.02 | 16.23 | 15.91 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 39 | 16.08 | 16.13 | 15.86 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 655000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 15.25 | 16.27 | 15.95 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 655000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 16.04 | 16.16 | 15.95 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 655000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 15.94 | 16.32 | 15.88 | 17.0 | 0.0 |

PC2&3 Part270 n78 Ant4 DS12

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | Pl2 BPSK | 1 | 1 | | 15.23 | | | |
| 100 | Pl2 BPSK | 1 | 137 | | 16.06 | | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 1 | 271 | | 15.49 | | | |
| 100 | Pl2 BPSK | 135 | 0 | | 15.58 | | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 69 | | 16.13 | | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 138 | | 15.76 | | 17.0 | 0.0 |
| 100 | Pl2 BPSK | 270 | 0 | | 15.68 | | | |
| 100 | QPSK | 1 | 1 | | 15.29 | | | |
| 100 | QPSK | 1 | 137 | | 16.23 | | 17.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 15.66 | | | |
| 100 | QPSK | 135 | 0 | | 15.73 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.15 | | 17.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 15.80 | | 17.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 15.97 | | | |
| 100 | 16QAM | 1 | 1 | | 15.15 | | 17.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.42 | | 17.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.67 | | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648968 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 15.97 | 16.11 | 16.04 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 15.72 | 15.83 | 15.34 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648968 | 650000 | 651334 | | |
| 60 | QPSK | 1 | 81 | 15.84 | 15.97 | 15.78 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 650000 | 651668 | | |
| 50 | QPSK | 1 | 67 | 15.86 | 15.89 | 15.79 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | | |
| 40 | QPSK | 1 | 53 | 15.89 | 16.02 | 15.79 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | |
| 30 | QPSK | 1 | 39 | 15.76 | 15.92 | 15.91 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 15.85 | 16.02 | 15.96 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 15.72 | 15.88 | 15.76 | 17.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 15.66 | 15.94 | 15.80 | 17.0 | 0.0 |



PC2&3 Part270 n77 Ant5 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 660000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | Pi/2 BPSK | 1 | 1 | 15.63 | 15.67 | 15.56 | | |
| 100 | Pi/2 BPSK | 1 | 137 | 18.10 | 18.31 | 18.12 | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 1 | 271 | 15.83 | 15.98 | 15.77 | | |
| 100 | Pi/2 BPSK | 135 | 0 | 15.90 | 16.09 | 15.81 | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 69 | 16.26 | 16.38 | 16.19 | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 138 | 16.29 | 16.11 | 16.01 | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 270 | 0 | 15.88 | 15.90 | 15.84 | | |
| 100 | QPSK | 1 | 1 | 15.57 | 15.69 | 15.98 | | |
| 100 | QPSK | 1 | 137 | 18.24 | 18.53 | 18.25 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.67 | 15.72 | 15.77 | | |
| 100 | QPSK | 135 | 0 | 15.68 | 15.68 | 15.78 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.20 | 18.48 | 18.31 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.88 | 16.06 | 15.99 | 17.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 15.92 | 16.16 | 15.80 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.53 | 15.54 | 15.53 | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.58 | 15.54 | 15.54 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.76 | 15.62 | 15.93 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 16.10 | 16.42 | 16.11 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 16.04 | 16.33 | 15.95 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649868 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 16.15 | 16.38 | 16.00 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 15.99 | 16.27 | 16.10 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 15.90 | 16.37 | 16.10 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 15.94 | 16.40 | 16.15 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 16.00 | 16.37 | 15.93 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 16.14 | 16.38 | 16.04 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 16.04 | 16.38 | 16.06 | 17.5 | 0.0 |

PC2&3 Part270 n78 Ant5 DSI2

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 660000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | Pi/2 BPSK | 1 | 1 | 15.74 | 15.84 | | | |
| 100 | Pi/2 BPSK | 1 | 137 | 16.21 | | | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 1 | 271 | 16.20 | | | | |
| 100 | Pi/2 BPSK | 135 | 0 | 16.43 | | | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 69 | 16.55 | | | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 135 | 138 | 16.50 | | | 17.5 | 0.0 |
| 100 | Pi/2 BPSK | 270 | 0 | 16.14 | | | | |
| 100 | QPSK | 1 | 1 | 15.85 | | | | |
| 100 | QPSK | 1 | 137 | 18.57 | | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.90 | | | | |
| 100 | QPSK | 135 | 0 | 16.44 | | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.28 | | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 16.43 | | | 17.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 16.50 | | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.98 | | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 15.76 | | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 16.02 | | | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649868 | 656000 | 660334 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 15.76 | 16.23 | 15.78 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 656000 | 660668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 15.74 | 16.29 | 15.99 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649868 | 656000 | 661334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 15.79 | 16.13 | 15.85 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 656000 | 661668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 15.77 | 16.15 | 15.87 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 656000 | 662000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 15.75 | 16.05 | 15.73 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 15.80 | 16.14 | 15.71 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 15.90 | 16.05 | 15.93 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 656000 | 662834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 15.80 | 16.12 | 15.89 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 15.89 | 16.19 | 15.74 | 17.5 | 0.0 |



Part270 n77 PC3 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 21.54 | 21.61 | 21.68 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.01 | 22.16 | 22.04 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 21.86 | 21.73 | 21.86 | | |
| 100 | PI2 BPSK | 138 | 61 | 22.00 | 22.13 | 22.01 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 138 | 69 | 22.02 | 22.13 | 22.07 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 138 | 138 | 21.89 | 22.06 | 21.91 | 23.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 22.01 | 22.07 | 21.92 | | |
| 100 | QPSK | 1 | 1 | 21.51 | 21.66 | 21.35 | | |
| 100 | QPSK | 1 | 137 | 22.56 | 22.57 | 22.43 | 23.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.53 | 21.67 | 21.60 | | |
| 100 | QPSK | 138 | 0 | 22.02 | 22.07 | 22.00 | 23.5 | 0.0 |
| 100 | QPSK | 138 | 69 | 22.31 | 22.35 | 22.18 | 23.5 | 0.0 |
| 100 | QPSK | 138 | 138 | 21.96 | 22.06 | 21.90 | 23.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.20 | 22.25 | 22.05 | | |
| 100 | 16QAM | 1 | 1 | 21.54 | 21.68 | 21.54 | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.56 | 21.62 | 21.54 | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.52 | 20.67 | 20.54 | 22.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 22.24 | 22.37 | 22.07 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649334 | 650000 | 649668 | | |
| 80 | QPSK | 1 | 109 | 22.21 | 22.33 | 22.13 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 22.32 | 22.33 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 648668 | | |
| 50 | QPSK | 1 | 67 | 22.25 | 22.25 | 22.08 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 648000 | | |
| 40 | QPSK | 1 | 53 | 22.20 | 22.31 | 22.11 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 22.26 | 22.26 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 646668 | | |
| 20 | QPSK | 1 | 26 | 22.21 | 22.35 | 22.21 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 646434 | | |
| 15 | QPSK | 1 | 19 | 22.32 | 22.32 | 22.16 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 650000 | | |
| 10 | QPSK | 1 | 12 | 22.23 | 22.39 | 22.21 | 23.5 | 0.0 |

Part270 n77 PC2 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 24.66 | 24.82 | 24.65 | | |
| 100 | PI2 BPSK | 1 | 137 | 25.28 | 25.32 | 25.18 | 26.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 24.74 | 24.83 | 24.70 | | |
| 100 | PI2 BPSK | 138 | 61 | 24.81 | 24.86 | 24.49 | 26.0 | 0.5 |
| 100 | PI2 BPSK | 138 | 69 | 25.35 | 25.45 | 25.41 | 26.5 | 0.0 |
| 100 | PI2 BPSK | 138 | 138 | 24.71 | 24.75 | 24.62 | 26.0 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 24.65 | 24.69 | 24.67 | | |
| 100 | QPSK | 1 | 1 | 24.64 | 24.81 | 24.52 | | |
| 100 | QPSK | 1 | 137 | 25.45 | 25.57 | 25.32 | 26.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.72 | 24.80 | 24.67 | | |
| 100 | QPSK | 138 | 0 | 24.12 | 24.28 | 24.14 | 25.5 | 1.0 |
| 100 | QPSK | 138 | 69 | 25.43 | 25.50 | 25.31 | 26.5 | 0.0 |
| 100 | QPSK | 138 | 138 | 24.25 | 24.30 | 24.25 | 25.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 24.35 | 24.43 | 24.27 | | |
| 100 | 16QAM | 1 | 1 | 23.71 | 23.76 | 23.60 | 25.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.28 | 22.33 | 22.29 | 24.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.77 | 20.80 | 20.70 | 22.0 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 25.36 | 25.52 | 25.26 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649334 | 650000 | 649668 | | |
| 80 | QPSK | 1 | 109 | 25.43 | 25.51 | 25.20 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 25.35 | 25.54 | 25.22 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 648668 | | |
| 50 | QPSK | 1 | 67 | 25.42 | 25.46 | 25.24 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 648000 | | |
| 40 | QPSK | 1 | 53 | 25.37 | 25.41 | 25.24 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 25.40 | 25.50 | 25.27 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 646668 | | |
| 20 | QPSK | 1 | 26 | 25.33 | 25.49 | 25.10 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 646434 | | |
| 15 | QPSK | 1 | 19 | 25.31 | 25.53 | 25.20 | 26.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 650000 | | |
| 10 | QPSK | 1 | 12 | 25.38 | 25.52 | 25.18 | 26.5 | 0.0 |

Part270 n78 PC3 Ant7 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 21.81 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 22.29 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 21.86 | | | |
| 100 | PI2 BPSK | 138 | 0 | | 22.19 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 138 | 69 | | 22.27 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 138 | 138 | | 22.29 | | 23.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 22.23 | | | |
| 100 | QPSK | 1 | 1 | | 21.78 | | | |
| 100 | QPSK | 1 | 137 | | 22.51 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 271 | | 21.91 | | | |
| 100 | QPSK | 138 | 0 | | 22.05 | | 23.5 | 0.0 |
| 100 | QPSK | 138 | 69 | | 22.45 | | 23.5 | 0.0 |
| 100 | QPSK | 138 | 138 | | 22.26 | | 23.5 | 0.0 |
| 100 | QPSK | 270 | 0 | | 22.27 | | | |
| 100 | 16QAM | 1 | 1 | | 21.93 | | 23.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 21.87 | | 23.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.50 | | 22.0 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648983 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 22.45 | 22.49 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 22.41 | 22.41 | 22.45 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3730.02 | 3750 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 22.38 | 22.35 | 22.39 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 651668 | | |
| 50 | QPSK | 1 | 67 | 22.42 | 22.37 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 650000 | | |
| 40 | QPSK | 1 | 53 | 22.38 | 22.46 | 22.45 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3750 | 3755.02 | | |
| 30 | QPSK | 1 | 39 | 22.43 | 22.40 | 22.38 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 22.35 | 22.43 | 22.45 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 22.39 | 22.34 | 22.46 | 23.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 653000 | | |
| 10 | QPSK | 1 | 12 | 22.48 | 22.45 | 22.43 | 23.5 | 0.0 |



Part270 n78 PC2 Ant7 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|-----|
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3760 | 3760 | 3760 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 24.94 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 25.34 | | 28.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 24.87 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 24.58 | | 28.0 | 0.5 | |
| 100 | PI2 BPSK | 135 | 69 | | 25.32 | | 28.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 24.74 | | 28.0 | 0.5 | |
| 100 | PI2 BPSK | 270 | 0 | | 24.71 | | | | |
| 100 | QPSK | 1 | 1 | | 24.81 | | | | |
| 100 | QPSK | 1 | 137 | | 25.54 | | 28.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 24.96 | | | | |
| 100 | QPSK | 135 | 0 | | 24.15 | | 25.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 25.47 | | 28.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 24.31 | | 25.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | | 24.33 | | | | |
| 100 | 16QAM | 1 | 1 | | 23.85 | | 25.5 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 22.28 | | 24.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 20.67 | | 22.0 | 4.5 | |
| Channel | | | | 649888 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 123 | | 25.48 | 25.44 | 25.44 | 28.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 25.39 | 25.45 | 25.51 | 28.5 | 0.0 |
| Channel | | | | 648868 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 25.44 | 25.48 | 25.37 | 28.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | | 25.40 | 25.50 | 25.39 | 28.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 25.43 | 25.48 | 25.44 | 28.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 25.40 | 25.39 | 25.39 | 28.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | | 25.39 | 25.41 | 25.50 | 28.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 653334 | | | |
| Frequency (MHz) | | | | 3707.62 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | | 25.45 | 25.48 | 25.41 | 28.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 25.48 | 25.48 | 25.46 | 28.5 | 0.0 |



Reduced Power Mode for DS12 Simultaneous

| PC2&3 Part270 n77 Ant2 DS12 for END C | | | | | | | | | |
|---------------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.92 | 13.88 | 13.81 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.27 | 14.44 | 14.16 | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 13.72 | 14.07 | 14.02 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.81 | 13.85 | 14.01 | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.50 | 14.50 | 14.31 | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.11 | 14.52 | 14.31 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 13.81 | 13.81 | 13.76 | 15.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 13.63 | 13.79 | 13.60 | | | |
| 100 | QPSK | 1 | 137 | 14.36 | 14.58 | 14.50 | 15.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 13.86 | 13.86 | 13.78 | | | |
| 100 | QPSK | 135 | 0 | 14.21 | 14.45 | 14.31 | 15.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.31 | 14.56 | 14.55 | 15.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.30 | 14.47 | 14.40 | | | |
| 100 | QPSK | 270 | 0 | 14.26 | 14.41 | 14.34 | 15.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 14.48 | 14.39 | 14.37 | 15.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.35 | 14.42 | 14.42 | 15.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.15 | 14.31 | 14.20 | 15.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 14.17 | 14.31 | 14.07 | 15.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 14.12 | 14.34 | 13.96 | 15.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 653334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3732.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 14.12 | 14.37 | 14.07 | 15.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 14.05 | 14.38 | 14.07 | 15.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 14.04 | 14.35 | 14.10 | 15.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 654334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 14.11 | 14.34 | 14.03 | 15.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 14.18 | 14.38 | 14.00 | 15.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 14.07 | 14.26 | 14.05 | 15.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 14.10 | 14.28 | 13.99 | 15.5 | 0.0 | |

| PC2&3 Part270 n78 Ant2 DS12 for END C | | | | | | | | | |
|---------------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.73 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 14.36 | | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.09 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.85 | | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | | 14.45 | | 15.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 14.28 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 13.76 | | 15.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | | 13.56 | | | | |
| 100 | QPSK | 1 | 137 | | 14.48 | | 15.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 13.70 | | | | |
| 100 | QPSK | 135 | 0 | | 14.31 | | 15.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 14.35 | | 15.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 14.26 | | | | |
| 100 | QPSK | 270 | 0 | | 14.26 | | 15.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 14.28 | | 15.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 14.24 | | 15.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 14.13 | | 15.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 123 | 14.09 | 14.38 | 14.10 | 15.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | 14.19 | 14.27 | 13.98 | 15.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 14.09 | 14.27 | 14.04 | 15.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 14.15 | 14.32 | 14.01 | 15.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 14.11 | 14.27 | 14.00 | 15.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 14.09 | 14.40 | 13.96 | 15.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 14.05 | 14.37 | 13.95 | 15.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 14.07 | 14.39 | 14.11 | 15.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 14.12 | 14.40 | 14.08 | 15.5 | 0.0 | |



Reduced Power Mode for DSI3

| n2 Ant0 DSI3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 1690 | 1880 | 1900 | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | PI2 BPSK | 1 | 1 | 17.27 | 17.34 | 17.32 | | | |
| 20 | PI2 BPSK | 1 | 53 | 17.18 | 17.31 | 17.14 | 18.5 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 17.19 | 17.24 | 17.15 | | | |
| 20 | PI2 BPSK | 50 | 0 | 17.04 | 17.13 | 17.08 | 18.5 | 0.0 | |
| 20 | PI2 BPSK | 50 | 28 | 17.18 | 17.28 | 17.20 | 18.5 | 0.0 | |
| 20 | PI2 BPSK | 50 | 58 | 17.28 | 17.33 | 17.20 | | | |
| 20 | PI2 BPSK | 100 | 0 | 17.25 | 17.35 | 17.33 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 17.33 | 17.41 | 17.38 | | | |
| 20 | QPSK | 1 | 53 | 17.30 | 17.38 | 17.21 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 17.16 | 17.28 | 17.11 | | | |
| 20 | QPSK | 50 | 0 | 17.07 | 17.27 | 17.08 | 18.5 | 0.0 | |
| 20 | QPSK | 50 | 28 | 17.28 | 17.39 | 17.37 | 18.5 | 0.0 | |
| 20 | QPSK | 50 | 58 | 17.16 | 17.30 | 17.21 | | | |
| 20 | QPSK | 100 | 0 | 17.26 | 17.34 | 17.30 | 18.5 | 0.0 | |
| 20 | 16QAM | 1 | 1 | 16.97 | 17.09 | 16.94 | 18.5 | 0.0 | |
| 20 | 64QAM | 1 | 1 | 16.80 | 16.99 | 16.83 | 18.5 | 0.0 | |
| 20 | 256QAM | 1 | 1 | 17.00 | 17.01 | 16.88 | 18.5 | 0.0 | |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 1827.5 | 1880 | 1922.5 | | | |
| 15 | QPSK | 1 | 1 | 17.27 | 17.21 | 17.22 | 18.5 | 0.0 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 1885 | 1880 | 1905 | | | |
| 10 | QPSK | 1 | 1 | 17.24 | 17.36 | 17.28 | 18.5 | 0.0 | |
| Channel | | | | 376500 | 376000 | 381500 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 1822.5 | 1880 | 1927.5 | | | |
| 5 | QPSK | 1 | 1 | 17.25 | 17.29 | 17.24 | 18.5 | 0.0 | |

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 166800 | 167300 | 167800 | | | |
| Frequency (MHz) | | | | 884 | 883.5 | 882 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | | | |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.86 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.86 | | | |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.36 | 22.19 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 50 | 28 | 22.76 | 22.91 | 22.86 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 58 | 22.38 | 22.42 | 22.20 | | | |
| 20 | PI2 BPSK | 100 | 0 | 22.28 | 22.38 | 22.24 | 23.5 | 0.5 | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.96 | 22.90 | | | |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.78 | 24.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 22.80 | 22.88 | 22.81 | | | |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | 23.0 | 1.0 | |
| 20 | QPSK | 50 | 28 | 22.82 | 22.92 | 22.84 | 24.0 | 0.0 | |
| 20 | QPSK | 50 | 58 | 21.84 | 21.88 | 21.72 | | | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.83 | 21.76 | 23.0 | 1.0 | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 | |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 18.5 | 4.5 | |
| Channel | | | | 166800 | 167300 | 168300 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 831.5 | 838.5 | 841.5 | | | |
| 15 | QPSK | 1 | 1 | 22.76 | 22.81 | 22.80 | 24.0 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 828.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 | |

| n7 Ant0 DSI3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 505000 | 507000 | 509000 | | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2545 | | | |
| 50 | PI2 BPSK | 1 | 1 | 18.99 | 18.06 | 18.02 | | | |
| 50 | PI2 BPSK | 1 | 135 | 18.84 | 18.97 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 1 | 268 | 18.82 | 18.87 | 18.85 | | | |
| 50 | PI2 BPSK | 135 | 0 | 18.74 | 18.92 | 18.84 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 68 | 18.93 | 19.06 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 135 | 18.92 | 18.95 | 18.89 | | | |
| 50 | PI2 BPSK | 270 | 0 | 18.95 | 19.02 | 19.02 | 20.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 19.11 | 19.13 | 19.04 | | | |
| 50 | QPSK | 1 | 135 | 19.00 | 19.07 | 18.92 | 20.0 | 0.0 | |
| 50 | QPSK | 1 | 268 | 18.80 | 19.01 | 18.85 | | | |
| 50 | QPSK | 135 | 0 | 18.79 | 18.96 | 18.77 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 68 | 19.07 | 19.12 | 19.11 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 135 | 18.91 | 19.00 | 18.85 | | | |
| 50 | QPSK | 270 | 0 | 18.90 | 19.08 | 19.07 | 20.0 | 0.0 | |
| 50 | 16QAM | 1 | 1 | 18.63 | 18.79 | 18.67 | 20.0 | 0.0 | |
| 50 | 64QAM | 1 | 1 | 18.58 | 18.65 | 18.56 | 20.0 | 0.0 | |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 0.5 | |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | | |
| 40 | QPSK | 1 | 1 | 18.97 | 19.09 | 18.90 | 20.0 | 0.0 | |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | | |
| 30 | QPSK | 1 | 1 | 19.08 | 19.04 | 18.99 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 511500 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2510.5 | 2535 | 2557.5 | | | |
| 25 | QPSK | 1 | 1 | 19.91 | 19.05 | 18.92 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | |
| 20 | PI2 BPSK | 1 | 1 | 19.04 | 19.10 | 18.85 | 20.0 | 0.0 | |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | |
| 15 | QPSK | 1 | 1 | 19.02 | 19.06 | 18.97 | 20.0 | 0.0 | |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | |
| 10 | QPSK | 1 | 1 | 18.98 | 19.00 | 18.89 | 20.0 | 0.0 | |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dB) | MPR | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | | |
| 5 | QPSK | 1 | 1 | 19.02 | 19.08 | 19.00 | 20.0 | 0.0 | |



n66 Ant0 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------|-------------------|------------------|---------------------|----------|
| | | | | Low Ch. / Freq. | Midle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 1745 | 1745 | 1760 | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.81 | 15.90 | 15.84 | | |
| 40 | PI/2 BPSK | 1 | 108 | 15.73 | 15.77 | 15.70 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 15.65 | 15.78 | 15.89 | | |
| 40 | PI/2 BPSK | 108 | 0 | 15.58 | 15.70 | 15.84 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 15.75 | 15.88 | 15.88 | 17.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 15.73 | 15.78 | 15.78 | | |
| 40 | PI/2 BPSK | 216 | 0 | 15.72 | 15.78 | 15.85 | 17.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 15.92 | 15.95 | 15.89 | | |
| 40 | QPSK | 1 | 108 | 15.77 | 15.90 | 15.77 | 17.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 15.83 | 15.75 | 15.80 | | |
| 40 | QPSK | 108 | 0 | 15.59 | 15.88 | 15.84 | 17.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 15.83 | 15.90 | 15.87 | 17.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 15.64 | 15.85 | 15.77 | 17.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 15.80 | 15.89 | 15.78 | 17.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.88 | 15.74 | 15.70 | 17.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.54 | 15.69 | 15.82 | 17.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.74 | 15.74 | 15.57 | 17.5 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 15.79 | 15.89 | 15.81 | 17.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 15.88 | 15.92 | 15.85 | 17.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 15.79 | 15.81 | 15.74 | 17.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 15.79 | 15.84 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 15.80 | 15.81 | 15.82 | 17.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dB) | MPR |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 15.77 | 15.90 | 15.86 | 17.5 | 0.0 |



| n38 Ant0 DS13 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 519304 | 519300 | 519396 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.15 | 17.27 | 17.24 | | |
| 40 | PI/2 BPSK | 1 | 53 | 17.68 | 17.71 | 17.57 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 17.26 | 17.32 | 17.28 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.44 | 17.52 | 17.46 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.89 | 17.74 | 17.62 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.50 | 17.61 | 17.53 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.54 | 17.65 | 17.57 | | |
| 40 | QPSK | 1 | 1 | 17.25 | 17.33 | 17.28 | | |
| 40 | QPSK | 1 | 53 | 17.74 | 17.79 | 17.71 | 19.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 17.23 | 17.28 | 17.17 | | |
| 40 | QPSK | 50 | 0 | 17.52 | 17.61 | 17.50 | 19.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.62 | 17.78 | 17.67 | 19.0 | 0.0 |
| 40 | QPSK | 80 | 56 | 17.45 | 17.59 | 17.52 | 19.0 | 0.0 |
| 40 | QPSK | 100 | 0 | 17.61 | 17.65 | 17.58 | | |
| 40 | 16QAM | 1 | 1 | 17.17 | 17.31 | 17.25 | 19.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.22 | 17.27 | 17.17 | 19.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.15 | 17.24 | 17.14 | 19.0 | 0.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2585.91 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 39 | 17.64 | 17.74 | 17.68 | 19.0 | 0.0 |
| Channel | | | | 516504 | 519000 | 521498 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2592.52 | 2595 | 2607.48 | | |
| 25 | QPSK | 1 | 32 | 17.64 | 17.71 | 17.53 | 19.0 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 26 | 17.69 | 17.70 | 17.58 | 19.0 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 19 | 17.68 | 17.73 | 17.62 | 19.0 | 0.0 |
| Channel | | | | 515004 | 519000 | 522998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 12 | 17.62 | 17.67 | 17.56 | 19.0 | 0.0 |

| n41 PC3 Ant0 DS13 | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 526202 | 518598 | 529200 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.11 | 17.14 | 17.06 | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.85 | 17.83 | 17.88 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 17.24 | 17.19 | 17.15 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.70 | 17.83 | 17.77 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | 17.90 | 17.76 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.66 | 17.76 | 17.70 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.72 | 17.81 | 17.67 | | |
| 100 | QPSK | 1 | 1 | 17.16 | 17.28 | 17.24 | | |
| 100 | QPSK | 1 | 137 | 17.93 | 17.97 | 17.88 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.11 | 17.22 | 17.09 | | |
| 100 | QPSK | 135 | 0 | 17.72 | 17.89 | 17.86 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.79 | 17.92 | 17.85 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.77 | 17.84 | 17.80 | 19.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.81 | 17.88 | 17.78 | | |
| 100 | 16QAM | 1 | 1 | 17.67 | 17.75 | 17.61 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.62 | 17.69 | 17.60 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.53 | 17.61 | 17.58 | 19.0 | 0.0 |
| Channel | | | | 506300 | 518598 | 520398 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 17.80 | 17.87 | 17.82 | 19.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 520998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2536.62 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 109 | 17.85 | 17.81 | 17.79 | 19.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 531998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 17.83 | 17.86 | 17.78 | 19.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2531.69 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 17.89 | 17.90 | 17.75 | 19.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 17.76 | 17.84 | 17.76 | 19.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 535998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 17.86 | 17.92 | 17.80 | 19.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 536998 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2503.62 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 17.84 | 17.87 | 17.72 | 19.0 | 0.0 |
| Channel | | | | 500700 | 518598 | 538498 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 19 | 17.82 | 17.88 | 17.75 | 19.0 | 0.0 |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit (dBm) | MPR |
| Frequency (MHz) | | | | 2491.61 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 12 | 17.82 | 17.89 | 17.73 | 19.0 | 0.0 |



n2 Ant1 DSI3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1860 | 1860 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 19.16 | 19.28 | 19.20 | | |
| 20 | PI2 BPSK | 1 | 53 | 19.11 | 19.16 | 19.07 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 19.05 | 19.12 | 19.00 | | |
| 20 | PI2 BPSK | 50 | 0 | 19.95 | 19.07 | 19.02 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 28 | 19.11 | 19.23 | 19.08 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 19.15 | 19.18 | 19.12 | 20.0 | 0.0 |
| 20 | PI2 BPSK | 100 | 0 | 19.13 | 19.21 | 19.19 | | |
| 20 | QPSK | 1 | 1 | 19.27 | 19.35 | 19.23 | | |
| 20 | QPSK | 1 | 53 | 19.17 | 19.24 | 19.15 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 19.03 | 19.14 | 19.02 | | |
| 20 | QPSK | 50 | 0 | 19.97 | 19.11 | 19.08 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.20 | 19.31 | 19.26 | 20.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 19.09 | 19.22 | 19.10 | 20.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 19.13 | 19.25 | 19.22 | | |
| 20 | 16QAM | 1 | 1 | 18.81 | 18.92 | 18.85 | 20.0 | 0.0 |
| 20 | 16QAM | 1 | 1 | 18.72 | 18.86 | 18.80 | 20.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 17.84 | 17.91 | 17.75 | 19.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 37500 | 37600 | 38000 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 19.19 | 19.29 | 19.12 | 20.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 376000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 19.14 | 19.23 | 19.11 | 20.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 18.52 | 18.60 | 19.07 | 20.0 | 0.0 |

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.88 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.26 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.28 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.84 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 23.30 | 23.35 | 23.21 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 DSI3

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 18.13 | 18.17 | 18.07 | | |
| 50 | PI2 BPSK | 1 | 135 | 18.04 | 18.12 | 17.98 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 17.93 | 18.06 | 17.89 | | |
| 50 | PI2 BPSK | 135 | 0 | 17.88 | 17.93 | 17.92 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 68 | 18.05 | 18.19 | 18.00 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 18.12 | 18.06 | 18.00 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 270 | 0 | 18.02 | 18.13 | 18.06 | | |
| 50 | QPSK | 1 | 1 | 18.15 | 18.26 | 18.21 | | |
| 50 | QPSK | 1 | 135 | 18.08 | 18.15 | 18.09 | 19.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 17.98 | 18.03 | 17.91 | | |
| 50 | QPSK | 135 | 0 | 17.83 | 18.01 | 17.89 | 19.0 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.05 | 18.24 | 18.22 | 19.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.04 | 18.15 | 18.06 | 19.0 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.07 | 18.18 | 18.01 | | |
| 50 | 16QAM | 1 | 1 | 17.77 | 17.80 | 17.82 | 19.0 | 0.0 |
| 50 | 16QAM | 1 | 1 | 17.88 | 17.73 | 17.66 | 19.0 | 0.0 |
| 50 | 256QAM | 1 | 1 | 17.78 | 17.84 | 17.87 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 50900 | 50700 | 51000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 1 | 18.10 | 18.16 | 18.14 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 1 | 23.15 | 23.32 | 23.55 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| 25 | QPSK | 1 | 1 | 18.04 | 18.19 | 18.10 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| 20 | PI2 BPSK | 1 | 1 | 18.02 | 18.23 | 18.10 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 25.07 | 25.35 | 25.62 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 18.10 | 18.14 | 18.07 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 18.08 | 18.22 | 18.16 | 19.0 | 0.0 |



n66 Ant1 DSI3

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq | Power Middle Ch. / Freq | Power High Ch. / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|----------------------|-------------------------|-----------------------|---------------------|----------|
| Channel | | | | 349000 | 349000 | 350000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI2 BPSK | 1 | 1 | 19.26 | 19.37 | 19.30 | | |
| 40 | PI2 BPSK | 1 | 108 | 19.25 | 19.27 | 19.14 | 20.5 | 0.0 |
| 40 | PI2 BPSK | 1 | 214 | 19.18 | 19.19 | 19.12 | | |
| 40 | PI2 BPSK | 108 | 0 | 19.02 | 19.12 | 19.10 | 20.5 | 0.0 |
| 40 | PI2 BPSK | 108 | 54 | 19.19 | 19.35 | 19.16 | 20.5 | 0.0 |
| 40 | PI2 BPSK | 108 | 108 | 19.22 | 19.27 | 19.26 | 20.5 | 0.0 |
| 40 | PI2 BPSK | 216 | 0 | 19.24 | 19.28 | 19.28 | | |
| 40 | QPSK | 1 | 1 | 19.40 | 19.46 | 19.30 | | |
| 40 | QPSK | 1 | 108 | 19.25 | 19.33 | 19.24 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 19.15 | 19.21 | 19.12 | | |
| 40 | QPSK | 108 | 0 | 19.11 | 19.19 | 19.15 | 20.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.32 | 19.42 | 19.38 | 20.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 19.22 | 19.37 | 19.25 | | |
| 40 | QPSK | 216 | 0 | 19.24 | 19.35 | 19.31 | 20.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.94 | 18.98 | 18.97 | 20.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.85 | 18.92 | 18.93 | 20.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.38 | 18.32 | 19.5 | 1.0 |
| Channel | | | | 343000 | 343000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 19.30 | 19.40 | 19.16 | 20.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1727.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 19.30 | 19.32 | 19.25 | 20.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 19.30 | 19.36 | 19.22 | 20.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 19.31 | 19.33 | 19.27 | 20.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 19.30 | 19.31 | 19.24 | 20.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 19.33 | 19.38 | 19.22 | 20.5 | 0.0 |



| n38 Ant1 DS13 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519304 | 519300 | 519396 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.73 | 17.85 | 17.74 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.11 | 18.21 | 18.07 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 17.54 | 17.66 | 17.57 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.01 | 18.08 | 18.04 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 18.15 | 18.20 | 18.15 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 17.79 | 17.87 | 17.72 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 17.96 | 18.03 | 17.93 | | | |
| 40 | QPSK | 1 | 1 | 17.84 | 17.89 | 17.82 | | | |
| 40 | QPSK | 1 | 53 | 18.23 | 18.28 | 18.15 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 17.60 | 17.68 | 17.56 | | | |
| 40 | QPSK | 50 | 0 | 18.05 | 18.15 | 18.09 | 19.0 | 0.0 | |
| 40 | QPSK | 50 | 28 | 18.17 | 18.23 | 18.19 | 19.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 17.72 | 17.82 | 17.67 | 19.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 18.05 | 18.08 | 17.97 | | | |
| 40 | 16QAM | 1 | 1 | 17.53 | 17.66 | 17.57 | 19.0 | 0.0 | |
| 40 | 16QAM | 1 | 1 | 17.48 | 17.58 | 17.46 | 19.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 17.66 | 17.77 | 17.67 | 18.5 | 0.5 | |
| Channel | | | | 517002 | 516900 | 520398 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.91 | 2595 | 2604.99 | 19.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 18.20 | 18.19 | 18.07 | 19.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | 19.0 | 0.0 | |
| 25 | QPSK | 1 | 32 | 18.10 | 18.17 | 18.11 | 19.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 19.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 18.10 | 18.24 | 18.08 | 19.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 52498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 19.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 18.15 | 18.20 | 18.08 | 19.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 19.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 18.09 | 18.14 | 18.01 | 19.0 | 0.0 | |

| n41 PC3 Ant1 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 529202 | 518988 | 529200 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.61 | 17.67 | 17.62 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.07 | 18.14 | 18.02 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.36 | 17.42 | 17.38 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.01 | 18.07 | 18.03 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.21 | 18.29 | 18.21 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.90 | 17.96 | 17.81 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.94 | 18.08 | 18.01 | | | |
| 100 | QPSK | 1 | 1 | 17.61 | 17.73 | 17.60 | | | |
| 100 | QPSK | 1 | 137 | 18.28 | 18.32 | 18.23 | 19.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.44 | 17.49 | 17.39 | | | |
| 100 | QPSK | 135 | 0 | 18.02 | 18.12 | 17.98 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.07 | 18.18 | 18.09 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.90 | 17.85 | 17.85 | 19.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.99 | 18.03 | 17.98 | | | |
| 100 | 16QAM | 1 | 1 | 17.48 | 17.62 | 17.37 | 19.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.38 | 17.44 | 17.35 | 19.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.64 | 17.76 | 17.69 | 18.5 | 0.5 | |
| Channel | | | | 529200 | 518988 | 529200 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 19.0 | 0.0 | |
| 90 | QPSK | 1 | 123 | 18.23 | 18.26 | 18.18 | 19.0 | 0.0 | |
| Channel | | | | 507204 | 518988 | 529898 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.62 | 2592.99 | 2648.99 | 19.0 | 0.0 | |
| 80 | QPSK | 1 | 109 | 18.10 | 18.18 | 18.13 | 19.0 | 0.0 | |
| Channel | | | | 502000 | 518988 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2658.98 | 19.0 | 0.0 | |
| 60 | QPSK | 1 | 81 | 18.14 | 18.29 | 18.10 | 19.0 | 0.0 | |
| Channel | | | | 504204 | 518988 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.69 | 2592.99 | 2648.99 | 19.0 | 0.0 | |
| 50 | QPSK | 1 | 67 | 18.15 | 18.24 | 18.15 | 19.0 | 0.0 | |
| Channel | | | | 503202 | 518988 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 53 | 18.13 | 18.27 | 18.15 | 19.0 | 0.0 | |
| Channel | | | | 502000 | 518988 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 19.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 18.22 | 18.22 | 18.16 | 19.0 | 0.0 | |
| Channel | | | | 501204 | 518988 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2507.62 | 2592.99 | 2678.99 | 19.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 18.25 | 18.20 | 18.19 | 19.0 | 0.0 | |
| Channel | | | | 500700 | 518988 | 536998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | 19.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 18.25 | 18.25 | 18.13 | 19.0 | 0.0 | |
| Channel | | | | 500202 | 518988 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2501.61 | 2592.99 | 2685 | 19.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 18.16 | 18.17 | 18.16 | 19.0 | 0.0 | |



| Part270 n77 PC2 Ant2 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 65000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI2 BPSK | 1 | 1 | 18.42 | 16.35 | 16.35 | | | |
| 100 | PI2 BPSK | 1 | 137 | 18.69 | 16.87 | 16.71 | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 18.28 | 16.59 | 16.52 | | | |
| 100 | PI2 BPSK | 135 | 0 | 18.27 | 16.38 | 16.49 | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 18.95 | 17.07 | 16.80 | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 18.71 | 16.99 | 16.88 | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 18.38 | 16.38 | 16.18 | | | |
| 100 | QPSK | 1 | 1 | 18.11 | 16.25 | 16.15 | | | |
| 100 | QPSK | 1 | 137 | 18.95 | 17.11 | 16.97 | 18.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.45 | 16.34 | 16.27 | | | |
| 100 | QPSK | 135 | 0 | 18.72 | 16.92 | 16.74 | 18.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.87 | 17.08 | 17.02 | 18.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.82 | 16.87 | 16.78 | 18.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.83 | 16.85 | 16.83 | | | |
| 100 | 16QAM | 1 | 1 | 16.90 | 17.00 | 16.85 | 18.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.87 | 16.92 | 16.80 | 18.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.69 | 16.78 | 16.69 | 18.0 | 0.0 | |
| Channel | | | | 64998 | 65000 | 65000 | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 16.84 | 17.00 | 16.85 | 18.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 18.00 | 16.99 | 16.99 | 18.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 16.88 | 16.97 | 16.89 | 18.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 16.91 | 17.00 | 16.86 | 18.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 16.82 | 17.09 | 16.87 | 18.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 653334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 16.92 | 17.08 | 16.83 | 18.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 16.81 | 17.04 | 16.99 | 18.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654834 | | | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 16.85 | 17.01 | 16.93 | 18.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 16.88 | 16.97 | 16.84 | 18.0 | 0.0 | |

| Part270 n78 PC2 Ant2 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 65000 | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 16.30 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 16.82 | | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 16.48 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 16.15 | | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 16.93 | | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 16.80 | | 18.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 16.20 | | | | |
| 100 | QPSK | 1 | 1 | | 16.13 | | | | |
| 100 | QPSK | 1 | 137 | | 16.97 | | 18.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 16.32 | | | | |
| 100 | QPSK | 135 | 0 | | 16.84 | | 18.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 16.82 | | 18.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 16.85 | | 18.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 16.77 | | | | |
| 100 | 16QAM | 1 | 1 | | 16.90 | | 18.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 16.81 | | 18.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 16.51 | | 18.0 | 0.0 | |
| Channel | | | | 64998 | 65000 | 65034 | | | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 16.83 | 16.91 | 16.92 | 18.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | | | |
| 80 | QPSK | 1 | 109 | 16.82 | 16.92 | 16.94 | 18.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 16.85 | 16.96 | 16.86 | 18.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 16.88 | 16.91 | 16.90 | 18.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 16.82 | 16.92 | 16.93 | 18.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 16.92 | 16.95 | 16.92 | 18.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 16.90 | 16.92 | 16.93 | 18.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | | | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 16.82 | 16.91 | 16.91 | 18.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 16.84 | 16.85 | 16.83 | 18.0 | 0.0 | |



| Part270 n77 PC2 Ant4 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3840 | 3930 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 18.95 | 17.07 | 16.90 | | | |
| 100 | PI2 BPSK | 1 | 137 | 17.76 | 17.78 | 17.54 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 17.02 | 17.13 | 16.90 | | | |
| 100 | PI2 BPSK | 135 | 0 | 18.93 | 17.00 | 16.82 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 17.79 | 17.76 | 17.61 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 17.00 | 17.12 | 17.07 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 17.80 | 17.88 | 17.85 | | | |
| 100 | QPSK | 1 | 1 | 17.04 | 17.11 | 16.96 | | | |
| 100 | QPSK | 1 | 137 | 17.82 | 17.95 | 17.84 | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.10 | 17.26 | 17.15 | | | |
| 100 | QPSK | 135 | 0 | 18.83 | 16.98 | 16.94 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.77 | 17.80 | 17.62 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.96 | 17.14 | 17.12 | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.52 | 17.75 | 17.43 | | | |
| 100 | 16QAM | 1 | 1 | 17.01 | 17.06 | 16.93 | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.72 | 16.98 | 16.71 | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.71 | 16.78 | 16.74 | 18.5 | 0.0 | |
| Channel | | | | 649968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 17.89 | 17.80 | 17.66 | 18.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 17.70 | 17.81 | 17.59 | 18.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 17.80 | 17.77 | 17.82 | 18.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 17.79 | 17.75 | 17.75 | 18.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 17.85 | 17.07 | 17.70 | 18.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 654334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 17.81 | 17.74 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 17.70 | 17.79 | 17.74 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 17.90 | 17.80 | 17.69 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 17.71 | 17.77 | 17.66 | 18.5 | 0.0 | |

| Part270 n78 PC2 Ant4 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 17.87 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 18.64 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 18.04 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 17.89 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 18.67 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 18.03 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 18.21 | | | | |
| 100 | QPSK | 1 | 1 | | 17.85 | | | | |
| 100 | QPSK | 1 | 137 | | 18.78 | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 18.08 | | | | |
| 100 | QPSK | 135 | 0 | | 17.84 | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 18.72 | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 17.85 | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 18.54 | | | | |
| 100 | 16QAM | 1 | 1 | | 17.84 | | 19.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 17.82 | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 17.80 | | 19.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 18.60 | 18.62 | 18.40 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | 18.50 | 18.64 | 18.49 | 19.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 18.55 | 18.67 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 18.49 | 18.69 | 18.41 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 18.52 | 18.65 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 18.61 | 18.60 | 18.49 | 19.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 18.55 | 18.69 | 18.46 | 19.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 18.58 | 18.63 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 18.55 | 18.68 | 18.43 | 19.5 | 0.0 | |



| Part270 n77 PC2 Ant5 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3840 | 3930 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | Pl2 BPSK | 1 | 1 | 17.15 | 17.18 | 17.07 | | | |
| 100 | Pl2 BPSK | 1 | 137 | 17.65 | 17.75 | 17.59 | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 1 | 271 | 17.30 | 17.41 | 17.29 | | | |
| 100 | Pl2 BPSK | 135 | 0 | 17.45 | 17.54 | 17.34 | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 69 | 17.78 | 17.91 | 17.65 | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 138 | 17.79 | 17.81 | 17.48 | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 270 | 0 | 17.32 | 17.40 | 17.40 | | | |
| 100 | QPSK | 1 | 1 | 17.15 | 17.15 | 17.18 | | | |
| 100 | QPSK | 1 | 137 | 17.75 | 17.88 | 17.72 | 19.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.18 | 17.27 | 17.24 | | | |
| 100 | QPSK | 135 | 0 | 17.15 | 17.21 | 17.25 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.67 | 17.63 | 17.76 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.36 | 17.62 | 17.23 | 19.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.44 | 17.68 | 17.35 | | | |
| 100 | 16QAM | 1 | 1 | 17.08 | 17.07 | 17.02 | 19.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.02 | 17.05 | 17.04 | 19.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.35 | 17.39 | 17.33 | 19.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 17.63 | 17.90 | 17.61 | 19.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 17.67 | 17.89 | 17.63 | 19.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3960.01 | | | |
| 60 | QPSK | 1 | 81 | 17.62 | 17.93 | 17.65 | 19.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 17.68 | 17.93 | 17.61 | 19.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 17.65 | 17.69 | 17.67 | 19.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 17.69 | 17.95 | 17.70 | 19.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 17.60 | 17.65 | 17.65 | 19.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654934 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 17.70 | 17.98 | 17.59 | 19.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 17.62 | 17.89 | 17.65 | 19.0 | 0.0 | |

| Part270 n78 PC3 Ant5 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | Pl2 BPSK | 1 | 1 | | 17.30 | | | | |
| 100 | Pl2 BPSK | 1 | 137 | | 17.86 | | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 1 | 271 | | 17.65 | | | | |
| 100 | Pl2 BPSK | 135 | 0 | | 17.86 | | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 69 | | 17.91 | | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 138 | | 17.86 | | 19.0 | 0.0 | |
| 100 | Pl2 BPSK | 270 | 0 | | 17.51 | | | | |
| 100 | QPSK | 1 | 1 | | 17.23 | | | | |
| 100 | QPSK | 1 | 137 | | 17.65 | | 19.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 17.24 | | | | |
| 100 | QPSK | 135 | 0 | | 17.65 | | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 17.62 | | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 17.88 | | 19.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 17.68 | | | | |
| 100 | 16QAM | 1 | 1 | | 17.38 | | 19.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 17.15 | | 19.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 17.40 | | 19.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 17.80 | 17.74 | 17.85 | 19.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | | | |
| 80 | QPSK | 1 | 109 | 17.74 | 17.67 | 17.79 | 19.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 17.76 | 17.65 | 17.81 | 19.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 17.78 | 17.68 | 17.80 | 19.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 17.76 | 17.73 | 17.86 | 19.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 17.78 | 17.76 | 17.78 | 19.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3792.02 | | | |
| 20 | QPSK | 1 | 26 | 17.73 | 17.75 | 17.78 | 19.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652934 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 17.80 | 17.73 | 17.81 | 19.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 17.71 | 17.69 | 17.80 | 19.0 | 0.0 | |



| Part270 n77 PC2 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3840 | 3930 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 20.14 | 20.27 | 20.15 | | | |
| 100 | PI2 BPSK | 1 | 137 | 20.84 | 20.88 | 20.73 | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 20.22 | 20.14 | 20.13 | | | |
| 100 | PI2 BPSK | 135 | 0 | 20.08 | 20.30 | 20.11 | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 20.85 | 21.04 | 20.73 | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 20.22 | 20.22 | 20.20 | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 20.26 | 20.23 | 20.12 | | | |
| 100 | QPSK | 1 | 1 | 20.19 | 20.32 | 20.02 | | | |
| 100 | QPSK | 1 | 137 | 20.91 | 21.10 | 20.77 | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 20.26 | 20.28 | 20.23 | | | |
| 100 | QPSK | 135 | 0 | 20.14 | 20.25 | 20.11 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 20.80 | 20.69 | 20.63 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 20.21 | 20.21 | 20.19 | 22.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 20.50 | 20.94 | 20.72 | | | |
| 100 | 16QAM | 1 | 1 | 20.88 | 20.88 | 20.72 | 22.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 20.79 | 20.93 | 20.77 | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 20.87 | 20.89 | 20.77 | 22.0 | 0.0 | |
| Channel | | | | 649968 | 655000 | 659334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 20.88 | 20.88 | 20.76 | 22.0 | 0.0 | |
| Channel | | | | 649334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3740 | 3740.02 | | | |
| 80 | QPSK | 1 | 109 | 20.90 | 20.93 | 20.73 | 22.0 | 0.0 | |
| Channel | | | | 649668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 20.84 | 20.90 | 20.72 | 22.0 | 0.0 | |
| Channel | | | | 648334 | 655000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 20.90 | 20.95 | 20.82 | 22.0 | 0.0 | |
| Channel | | | | 648000 | 655000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 20.91 | 20.99 | 20.72 | 22.0 | 0.0 | |
| Channel | | | | 647668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 20.85 | 20.92 | 20.79 | 22.0 | 0.0 | |
| Channel | | | | 647334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3740 | 3740.02 | | | |
| 20 | QPSK | 1 | 26 | 20.82 | 20.99 | 20.79 | 22.0 | 0.0 | |
| Channel | | | | 647168 | 655000 | 654834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 20.90 | 20.94 | 20.76 | 22.0 | 0.0 | |
| Channel | | | | 647000 | 655000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 20.81 | 20.98 | 20.74 | 22.0 | 0.0 | |

| Part270 n78 PC2 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|-----|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 20.17 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 20.95 | | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 20.11 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 20.28 | | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 20.94 | | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 20.19 | | | | |
| 100 | QPSK | 1 | 1 | | 20.19 | | | | |
| 100 | QPSK | 1 | 137 | | 21.07 | | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 20.14 | | | | |
| 100 | QPSK | 135 | 0 | | 20.13 | | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 20.86 | | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 20.97 | | | | |
| 100 | 16QAM | 1 | 1 | | 20.81 | | 22.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 20.89 | | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 20.67 | | 22.0 | 0.0 | |
| Channel | | | | 649668 | 655000 | 659334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | | 20.75 | 20.77 | 20.89 | 22.0 | 0.0 |
| Channel | | | | 649334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 20.71 | 20.79 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 649668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 20.84 | 20.80 | 20.88 | 22.0 | 0.0 |
| Channel | | | | 648334 | 655000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | | 20.85 | 20.83 | 20.73 | 22.0 | 0.0 |
| Channel | | | | 648000 | 655000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 20.85 | 20.83 | 20.84 | 22.0 | 0.0 |
| Channel | | | | 647668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 20.82 | 20.75 | 20.84 | 22.0 | 0.0 |
| Channel | | | | 647334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3740.02 | | | |
| 20 | QPSK | 1 | 26 | | 20.77 | 20.85 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 647168 | 655000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | | 20.84 | 20.77 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 647000 | 655000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 20.86 | 20.84 | 20.67 | 22.0 | 0.0 |



Reduced Power Mode for DSI3 Simultaneous

| Part270 n77 PC2&3 Ant2 DSI3 for ENDC | | | | | | | | | |
|--------------------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.50 | 13.43 | 13.37 | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 13.65 | 13.97 | 13.70 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 13.26 | 13.61 | 13.53 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.33 | 13.35 | 13.44 | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 13.99 | 14.10 | 13.75 | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 13.76 | 14.11 | 13.88 | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 13.37 | 13.36 | 13.24 | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 13.11 | 13.23 | 13.19 | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | 13.83 | 14.16 | 13.97 | | | |
| 100 | QPSK | 1 | 271 | 13.55 | 13.42 | 13.32 | | | |
| 100 | QPSK | 135 | 0 | 13.75 | 13.90 | 13.71 | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 13.61 | 14.12 | 14.07 | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 13.85 | 13.83 | 13.80 | 15.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 13.89 | 13.93 | 13.92 | 15.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 13.90 | 14.04 | 13.89 | 15.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 13.87 | 13.97 | 13.77 | 15.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 13.71 | 13.70 | 13.75 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 90 | QPSK | 1 | 123 | 13.84 | 14.09 | 13.94 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | QPSK | 1 | 109 | 13.62 | 14.00 | 13.93 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | QPSK | 1 | 81 | 13.74 | 14.03 | 13.96 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | QPSK | 1 | 67 | 13.82 | 14.05 | 13.91 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | QPSK | 1 | 53 | 13.77 | 14.07 | 13.86 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | QPSK | 1 | 39 | 13.75 | 14.05 | 13.90 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 26 | 13.82 | 14.04 | 13.89 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 19 | 13.78 | 14.10 | 13.86 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 12 | 13.78 | 14.02 | 13.88 | 15.0 | 0.0 | |

| Part270 n78 PC2&3 Ant2 DSI3 for ENDC | | | | | | | | | |
|--------------------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.26 | | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | | 13.83 | | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.80 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.23 | | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | | 13.94 | | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 13.78 | | 15.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | | 13.19 | | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | | 13.12 | | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | | 14.08 | | | | |
| 100 | QPSK | 1 | 271 | | 13.34 | | | | |
| 100 | QPSK | 135 | 0 | | 13.92 | | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 13.95 | | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 13.81 | | 15.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 13.88 | | 15.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 13.84 | | 15.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 13.85 | | 15.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 13.61 | | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 90 | QPSK | 1 | 123 | 13.83 | 13.96 | 13.91 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 80 | QPSK | 1 | 109 | 13.88 | 13.99 | 13.96 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 60 | QPSK | 1 | 81 | 13.91 | 14.02 | 13.93 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 50 | QPSK | 1 | 67 | 13.83 | 14.03 | 13.88 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 40 | QPSK | 1 | 53 | 13.86 | 14.02 | 13.88 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 30 | QPSK | 1 | 39 | 13.85 | 14.05 | 13.89 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 26 | 13.90 | 13.98 | 13.87 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 19 | 13.83 | 14.05 | 13.91 | 15.0 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 12 | 13.84 | 14.03 | 13.92 | 15.0 | 0.0 | |



Reduced Power Mode for DSI4

n2 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.55 | 22.71 | 22.63 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 53 | 22.65 | 22.74 | 22.59 | | |
| 20 | PI2 BPSK | 1 | 104 | 22.53 | 22.70 | 22.59 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 0 | 22.21 | 22.28 | 22.25 | | |
| 20 | PI2 BPSK | 50 | 28 | 22.84 | 22.87 | 22.56 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 56 | 22.19 | 22.25 | 22.14 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.08 | 22.23 | 22.19 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 22.75 | 22.77 | 22.68 | | |
| 20 | QPSK | 1 | 53 | 22.58 | 22.70 | 22.55 | 23.0 | 1.0 |
| 20 | QPSK | 1 | 104 | 22.51 | 22.66 | 22.51 | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.76 | 21.61 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.63 | 22.73 | 22.58 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.57 | 21.71 | 21.61 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.60 | 21.69 | 21.57 | | |
| 20 | 16QAM | 1 | 1 | 21.36 | 21.47 | 21.39 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.93 | 19.99 | 19.83 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.22 | 18.39 | 18.32 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 1 | 22.60 | 22.61 | 22.63 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 1 | 22.86 | 22.84 | 22.80 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 1 | 22.64 | 22.65 | 22.63 | 24.0 | 0.0 |

n5 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.79 | | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.86 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.36 | 22.19 | | |
| 20 | PI2 BPSK | 50 | 28 | 22.78 | 22.91 | 22.86 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 56 | 22.38 | 22.42 | 22.29 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.28 | 22.38 | 22.24 | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.96 | 22.90 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.78 | | |
| 20 | QPSK | 1 | 104 | 22.90 | 22.88 | 22.81 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | | |
| 20 | QPSK | 50 | 28 | 22.82 | 22.92 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.84 | 21.88 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.69 | 21.83 | 21.76 | | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 1 | 22.78 | 22.81 | 22.88 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 |

n7 Ant0 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 50 | PI2 BPSK | 1 | 1 | 22.91 | 22.98 | 22.92 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 135 | 22.98 | 23.12 | 23.05 | | |
| 50 | PI2 BPSK | 1 | 268 | 22.80 | 22.89 | 22.83 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 135 | 0 | 22.89 | 22.75 | 22.62 | | |
| 50 | PI2 BPSK | 135 | 68 | 23.07 | 23.15 | 23.04 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 22.82 | 22.67 | 22.54 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 270 | 0 | 22.69 | 22.74 | 22.66 | | |
| 50 | QPSK | 1 | 1 | 23.07 | 23.17 | 23.12 | 24.0 | 0.0 |
| 50 | QPSK | 1 | 135 | 23.00 | 23.08 | 22.96 | | |
| 50 | QPSK | 1 | 268 | 22.77 | 22.87 | 22.80 | 23.0 | 1.0 |
| 50 | QPSK | 135 | 0 | 22.21 | 22.33 | 22.20 | | |
| 50 | QPSK | 135 | 68 | 23.02 | 23.12 | 22.99 | 24.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 22.17 | 22.30 | 22.20 | 23.0 | 1.0 |
| 50 | QPSK | 270 | 0 | 22.24 | 22.34 | 22.25 | | |
| 50 | 16QAM | 1 | 1 | 21.67 | 21.76 | 21.70 | 23.0 | 1.0 |
| 50 | 64QAM | 1 | 1 | 20.29 | 20.33 | 20.30 | 21.5 | 2.5 |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 40 | QPSK | 1 | 1 | 23.01 | 23.06 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 30 | QPSK | 1 | 1 | 22.95 | 23.04 | 22.82 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 25 | QPSK | 1 | 1 | 22.99 | 23.02 | 22.76 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.87 | 23.08 | 22.78 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 15 | QPSK | 1 | 1 | 22.92 | 23.14 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 10 | QPSK | 1 | 1 | 22.93 | 23.14 | 22.83 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 5 | QPSK | 1 | 1 | 22.87 | 23.07 | 22.81 | 24.0 | 0.0 |



| n66 Ant0 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 345000 | 349000 | 353000 | | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1760 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.27 | 22.41 | 22.29 | | | |
| 40 | PI/2 BPSK | 1 | 108 | 22.30 | 22.37 | 22.26 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 214 | 22.25 | 22.29 | 22.15 | | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.65 | 21.77 | 21.73 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 108 | 54 | 22.37 | 22.45 | 22.29 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 108 | 108 | 21.81 | 21.83 | 21.76 | | | |
| 40 | PI/2 BPSK | 216 | 0 | 21.70 | 21.74 | 21.57 | 23.5 | 0.5 | |
| 40 | QPSK | 1 | 1 | 22.43 | 22.50 | 22.41 | | | |
| 40 | QPSK | 1 | 108 | 22.47 | 22.49 | 22.41 | 24.0 | 0.0 | |
| 40 | QPSK | 1 | 214 | 22.21 | 22.24 | 22.17 | | | |
| 40 | QPSK | 108 | 0 | 21.23 | 21.26 | 21.18 | 23.0 | 1.0 | |
| 40 | QPSK | 108 | 54 | 22.39 | 22.50 | 22.36 | 24.0 | 0.0 | |
| 40 | QPSK | 108 | 108 | 21.30 | 21.33 | 21.19 | 23.0 | 1.0 | |
| 40 | QPSK | 216 | 0 | 21.23 | 21.37 | 21.25 | 23.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 21.24 | 21.26 | 21.20 | 23.0 | 1.0 | |
| 40 | 64QAM | 1 | 1 | 19.77 | 19.88 | 19.79 | 21.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 17.74 | 17.81 | 17.88 | 19.5 | 4.5 | |
| Channel | | | | 345000 | 349000 | 353000 | | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | | |
| 30 | QPSK | 1 | 1 | 22.27 | 22.47 | 22.29 | 24.0 | 0.0 | |
| Channel | | | | 344500 | 349000 | 353500 | | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | | |
| 25 | QPSK | 1 | 1 | 22.29 | 22.43 | 22.31 | 24.0 | 0.0 | |
| Channel | | | | 344000 | 349000 | 354000 | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.42 | 22.38 | 24.0 | 0.0 | |
| Channel | | | | 343500 | 349000 | 354500 | | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | | |
| 15 | QPSK | 1 | 1 | 22.27 | 22.33 | 22.27 | 24.0 | 0.0 | |
| Channel | | | | 343000 | 349000 | 355000 | | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | | |
| 10 | QPSK | 1 | 1 | 22.28 | 22.41 | 22.37 | 24.0 | 0.0 | |
| Channel | | | | 342500 | 349000 | 355500 | | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | | |
| 5 | QPSK | 1 | 1 | 22.27 | 22.34 | 22.30 | 24.0 | 0.0 | |



| n38 Ant0 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.39 | 22.52 | 22.47 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 22.77 | 22.90 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 22.35 | 22.45 | 22.36 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.20 | 22.30 | 22.27 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.77 | 22.91 | 22.80 | 24.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 22.24 | 22.27 | 22.14 | 23.5 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.27 | 22.31 | 22.21 | | | |
| 40 | QPSK | 1 | 1 | 22.57 | 22.43 | 22.54 | | | |
| 40 | QPSK | 1 | 53 | 22.86 | 22.94 | 22.87 | 24.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 22.40 | 22.47 | 22.39 | | | |
| 40 | QPSK | 50 | 0 | 21.62 | 21.76 | 21.66 | 23.0 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.79 | 22.67 | 22.78 | 24.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 21.70 | 21.72 | 21.61 | 23.0 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.71 | 21.77 | 21.74 | | | |
| 40 | 16QAM | 1 | 1 | 21.23 | 21.27 | 21.16 | 23.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 19.62 | 19.77 | 19.70 | 21.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.32 | 18.43 | 18.30 | 19.5 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 39 | 22.86 | 22.90 | 22.79 | 24.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | | | |
| 25 | QPSK | 1 | 32 | 22.09 | 22.81 | 22.58 | 24.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 26 | 22.71 | 22.84 | 22.67 | 24.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 19 | 22.68 | 22.86 | 22.83 | 24.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 12 | 22.63 | 22.86 | 22.83 | 24.0 | 0.0 | |

| n41 PC3 Ant0 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 5246.01 | 2592.99 | 2640 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.29 | 22.40 | 22.26 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.83 | 22.97 | 22.91 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.27 | 22.31 | 22.19 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.28 | 22.42 | 22.30 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.79 | 22.95 | 22.93 | 24.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.16 | 22.32 | 22.21 | 23.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.21 | 22.37 | 22.21 | | | |
| 100 | QPSK | 1 | 1 | 22.23 | 22.31 | 22.16 | | | |
| 100 | QPSK | 1 | 137 | 22.97 | 23.01 | 22.96 | 24.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.22 | 22.28 | 22.21 | | | |
| 100 | QPSK | 135 | 0 | 21.78 | 21.90 | 21.80 | 23.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.84 | 22.99 | 22.83 | 24.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.65 | 21.78 | 21.65 | 23.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.75 | 21.85 | 21.82 | | | |
| 100 | 16QAM | 1 | 1 | 21.41 | 21.48 | 21.45 | 23.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.86 | 19.88 | 19.73 | 21.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.35 | 18.38 | 18.27 | 19.5 | 4.5 | |
| Channel | | | | 500200 | 518998 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.99 | | | |
| 90 | QPSK | 1 | 123 | 22.79 | 22.84 | 22.75 | 24.0 | 0.0 | |
| Channel | | | | 507204 | 518998 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2538.02 | 2592.99 | 2648.99 | | | |
| 80 | QPSK | 1 | 109 | 22.81 | 22.98 | 22.90 | 24.0 | 0.0 | |
| Channel | | | | 502000 | 518998 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2626 | 2592.99 | 2658.98 | | | |
| 60 | QPSK | 1 | 81 | 22.89 | 22.89 | 22.72 | 24.0 | 0.0 | |
| Channel | | | | 504204 | 518998 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2631.02 | 2592.99 | 2684.99 | | | |
| 50 | QPSK | 1 | 67 | 22.94 | 22.87 | 22.85 | 24.0 | 0.0 | |
| Channel | | | | 503202 | 518998 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 53 | 22.80 | 22.84 | 22.76 | 24.0 | 0.0 | |
| Channel | | | | 502200 | 518998 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.99 | | | |
| 30 | QPSK | 1 | 39 | 22.84 | 22.92 | 22.86 | 24.0 | 0.0 | |
| Channel | | | | 501204 | 518998 | 536998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2678.99 | | | |
| 20 | QPSK | 1 | 26 | 22.76 | 22.67 | 22.84 | 24.0 | 0.0 | |
| Channel | | | | 500700 | 518998 | 538498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | | |
| 15 | QPSK | 1 | 19 | 22.87 | 22.89 | 22.87 | 24.0 | 0.0 | |
| Channel | | | | 500202 | 518998 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2491.01 | 2592.99 | 2685 | | | |
| 10 | QPSK | 1 | 12 | 22.74 | 22.97 | 22.77 | 24.0 | 0.0 | |



n2 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 372000 | 376000 | 380000 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.18 | 22.20 | 22.06 | | |
| 20 | PI2 BPSK | 1 | 53 | 22.10 | 22.23 | 22.07 | 23.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 22.12 | 22.26 | 22.15 | | |
| 20 | PI2 BPSK | 50 | 0 | 21.80 | 21.89 | 21.57 | 22.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 22.11 | 22.25 | 22.20 | 23.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 21.78 | 21.84 | 21.77 | 22.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 21.74 | 21.78 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.23 | 22.39 | 22.20 | | |
| 20 | QPSK | 1 | 53 | 22.15 | 22.25 | 22.19 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.08 | 22.11 | 22.03 | | |
| 20 | QPSK | 50 | 0 | 21.11 | 21.21 | 21.13 | 22.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.14 | 22.29 | 22.15 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 21.30 | 21.34 | 21.27 | 22.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.20 | 21.27 | 21.13 | | |
| 20 | 16QAM | 1 | 1 | 21.13 | 21.19 | 21.09 | 22.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 19.76 | 19.82 | 19.72 | 20.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.84 | 17.91 | 17.75 | 19.5 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.21 | 22.24 | 22.15 | 23.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.13 | 22.14 | 22.09 | 23.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.15 | 22.25 | 22.04 | 23.0 | 0.0 |

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 166500 | 167000 | 167500 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.88 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.28 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.28 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.84 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | 165300 | 167000 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 23.30 | 23.35 | 23.21 | 24.0 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 828.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 505000 | 507000 | 509000 | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 23.40 | 23.45 | 23.34 | | |
| 50 | PI2 BPSK | 1 | 135 | 23.35 | 23.39 | 23.35 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 23.15 | 23.31 | 23.28 | | |
| 50 | PI2 BPSK | 135 | 0 | 22.83 | 23.00 | 22.83 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 135 | 68 | 23.29 | 23.43 | 23.31 | 24.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 22.84 | 22.94 | 22.79 | 23.5 | 0.5 |
| 50 | PI2 BPSK | 270 | 0 | 22.80 | 22.96 | 22.90 | | |
| 50 | QPSK | 1 | 1 | 23.44 | 23.47 | 23.42 | | |
| 50 | QPSK | 1 | 135 | 23.40 | 23.43 | 23.34 | 24.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 23.21 | 23.34 | 23.29 | | |
| 50 | QPSK | 135 | 0 | 22.58 | 22.68 | 22.65 | 23.0 | 1.0 |
| 50 | QPSK | 135 | 68 | 23.32 | 23.43 | 23.35 | 24.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 22.39 | 22.54 | 22.46 | 23.0 | 1.0 |
| 50 | QPSK | 270 | 0 | 22.57 | 22.62 | 22.51 | | |
| 50 | 16QAM | 1 | 1 | 22.23 | 22.34 | 22.29 | 23.0 | 1.0 |
| 50 | 16QAM | 1 | 1 | 20.75 | 20.91 | 20.79 | 21.5 | 2.5 |
| 50 | 256QAM | 1 | 1 | 18.99 | 19.16 | 19.08 | 19.5 | 4.5 |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | QPSK | 1 | 1 | 22.98 | 23.23 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 23.11 | 23.14 | 23.10 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 23.07 | 23.14 | 23.17 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI2 BPSK | 1 | 1 | 22.99 | 23.23 | 23.06 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 23.06 | 23.24 | 23.11 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.08 | 23.13 | 23.16 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.10 | 23.10 | 23.20 | 24.0 | 0.0 |



n66 Ant1 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 349000 | Power Middle Ch. / Freq. 349000 | Power High Ch. / Freq. 350000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | 1730 | 1745 | 1760 | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.73 | 22.78 | 22.86 | | |
| 40 | PI/2 BPSK | 1 | 108 | 22.70 | 22.88 | 22.74 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 22.47 | 22.82 | 22.55 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.28 | 22.34 | 22.28 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.68 | 22.83 | 22.71 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.15 | 22.21 | 22.11 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 22.26 | 22.28 | 22.17 | | |
| 40 | QPSK | 1 | 1 | 22.72 | 22.80 | 22.81 | | |
| 40 | QPSK | 1 | 108 | 22.75 | 22.81 | 22.70 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 22.60 | 22.69 | 22.55 | | |
| 40 | QPSK | 108 | 0 | 21.68 | 21.84 | 21.71 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.76 | 22.81 | 22.70 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.67 | 21.69 | 21.85 | | |
| 40 | QPSK | 216 | 0 | 21.75 | 21.77 | 21.72 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.48 | 21.56 | 21.45 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 20.04 | 20.11 | 20.01 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.38 | 18.32 | 19.5 | 4.5 |
| Channel | | | | 343000 | 343000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.58 | 22.76 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.62 | 22.75 | 22.75 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.57 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.80 | 22.78 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.63 | 22.78 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.76 | 22.71 | 24.0 | 0.0 |



| n38 Ant1 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 51900.02 | 51900.0 | 51999.98 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.03 | 22.08 | 22.05 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 22.37 | 22.38 | 22.34 | 23.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 21.84 | 21.98 | 21.90 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.68 | 21.80 | 21.76 | 22.5 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.28 | 22.36 | 22.20 | 23.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 21.78 | 21.84 | 21.74 | 22.5 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 21.73 | 21.82 | 21.73 | | | |
| 40 | QPSK | 1 | 1 | 21.98 | 22.02 | 21.91 | | | |
| 40 | QPSK | 1 | 53 | 22.38 | 22.39 | 22.38 | 23.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 21.91 | 21.85 | 21.89 | | | |
| 40 | QPSK | 50 | 0 | 21.25 | 21.31 | 21.16 | 22.0 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.33 | 22.37 | 22.21 | 23.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 21.25 | 21.38 | 21.32 | 22.0 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.18 | 21.31 | 21.27 | | | |
| 40 | 16QAM | 1 | 1 | 20.75 | 20.86 | 20.70 | 22.0 | 1.0 | |
| 40 | 16QAM | 1 | 1 | 19.28 | 19.31 | 19.23 | 20.5 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 17.81 | 17.82 | 17.82 | 18.5 | 4.5 | |
| Channel | | | | 51700.02 | 51900.0 | 52000.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 23.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 22.25 | 22.40 | 22.32 | 23.0 | 0.0 | |
| Channel | | | | 51650.4 | 51900.0 | 52149.6 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | 23.0 | 0.0 | |
| 25 | QPSK | 1 | 32 | 22.30 | 22.35 | 22.29 | 23.0 | 0.0 | |
| Channel | | | | 51600.0 | 51900.0 | 52300.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 22.30 | 22.39 | 22.34 | 23.0 | 0.0 | |
| Channel | | | | 51550.2 | 51900.0 | 52499.8 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 23.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 22.33 | 22.32 | 22.29 | 23.0 | 0.0 | |
| Channel | | | | 51500.4 | 51900.0 | 52699.6 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 23.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 22.28 | 22.38 | 22.30 | 23.0 | 0.0 | |

| n41 PC3 Ant1 Default | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 5246.01 | 2592.99 | 2640 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.50 | 21.59 | 21.49 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.24 | 22.38 | 22.31 | 23.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 21.15 | 21.29 | 21.20 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.78 | 21.82 | 21.85 | 22.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.31 | 22.39 | 22.27 | 23.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 21.63 | 21.67 | 21.60 | 22.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 21.63 | 21.70 | 21.60 | | | |
| 100 | QPSK | 1 | 1 | 21.38 | 21.49 | 21.33 | | | |
| 100 | QPSK | 1 | 137 | 22.32 | 22.41 | 22.23 | 23.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 21.20 | 21.31 | 21.21 | | | |
| 100 | QPSK | 135 | 0 | 21.21 | 21.27 | 21.11 | 22.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.24 | 22.40 | 22.23 | 23.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.14 | 21.17 | 21.08 | 22.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.18 | 21.24 | 21.18 | | | |
| 100 | 16QAM | 1 | 1 | 20.84 | 20.88 | 20.85 | 22.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.28 | 19.29 | 19.27 | 20.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 17.89 | 17.81 | 17.89 | 18.5 | 4.5 | |
| Channel | | | | 50200.0 | 51898.0 | 52000.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.99 | 23.0 | 0.0 | |
| 90 | QPSK | 1 | 123 | 22.15 | 22.24 | 22.04 | 23.0 | 0.0 | |
| Channel | | | | 50720.4 | 51898.0 | 52998.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2538.02 | 2592.99 | 2648.99 | 23.0 | 0.0 | |
| 80 | QPSK | 1 | 109 | 22.15 | 22.23 | 22.09 | 23.0 | 0.0 | |
| Channel | | | | 50200.0 | 51898.0 | 53198.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2528 | 2592.99 | 2658.98 | 23.0 | 0.0 | |
| 60 | QPSK | 1 | 81 | 22.23 | 22.27 | 22.13 | 23.0 | 0.0 | |
| Channel | | | | 50420.4 | 51898.0 | 53398.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.03 | 2592.99 | 2648.99 | 23.0 | 0.0 | |
| 50 | QPSK | 1 | 67 | 22.14 | 22.20 | 22.10 | 23.0 | 0.0 | |
| Channel | | | | 50320.2 | 51898.0 | 53400.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 23.0 | 0.0 | |
| 40 | QPSK | 1 | 53 | 22.17 | 22.27 | 22.11 | 23.0 | 0.0 | |
| Channel | | | | 50200.0 | 51898.0 | 53598.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.99 | 23.0 | 0.0 | |
| 30 | QPSK | 1 | 39 | 22.15 | 22.19 | 22.05 | 23.0 | 0.0 | |
| Channel | | | | 50120.4 | 51898.0 | 53598.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2678.99 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 26 | 22.24 | 22.23 | 22.15 | 23.0 | 0.0 | |
| Channel | | | | 50070.0 | 51898.0 | 53649.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | 23.0 | 0.0 | |
| 15 | QPSK | 1 | 19 | 22.14 | 22.22 | 22.06 | 23.0 | 0.0 | |
| Channel | | | | 50020.2 | 51898.0 | 53700.0 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2491.01 | 2592.99 | 2685 | 23.0 | 0.0 | |
| 10 | QPSK | 1 | 12 | 22.11 | 22.32 | 22.08 | 23.0 | 0.0 | |



Part270 n77 PC3 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 22.15 | 22.14 | 22.18 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.74 | 22.96 | 22.85 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 22.09 | 22.25 | 22.13 | | |
| 100 | PI2 BPSK | 135 | 0 | 22.84 | 22.77 | 22.83 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 22.83 | 22.90 | 22.80 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 22.53 | 22.69 | 22.71 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 22.59 | 22.75 | 22.55 | | |
| 100 | QPSK | 1 | 1 | 22.09 | 22.16 | 22.01 | | |
| 100 | QPSK | 1 | 137 | 22.84 | 22.97 | 22.88 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 22.24 | 22.27 | 22.22 | | |
| 100 | QPSK | 135 | 0 | 22.80 | 22.78 | 22.60 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.84 | 22.94 | 22.91 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.71 | 22.72 | 22.88 | 24.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.59 | 22.77 | 22.58 | | |
| 100 | 16QAM | 1 | 1 | 22.11 | 22.25 | 22.17 | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.19 | 22.21 | 22.10 | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.92 | 21.04 | 20.94 | 22.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649334 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 22.80 | 22.88 | 22.83 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 109 | 22.76 | 22.86 | 22.77 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649668 | 650000 | 650334 | | |
| 60 | QPSK | 1 | 81 | 22.81 | 22.87 | 22.83 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 650668 | | |
| 50 | QPSK | 1 | 67 | 22.73 | 22.88 | 22.81 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 652000 | | |
| 40 | QPSK | 1 | 53 | 22.76 | 22.89 | 22.78 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3840 | 3955.01 | | |
| 30 | QPSK | 1 | 39 | 22.80 | 22.95 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 22.79 | 22.85 | 22.82 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 22.73 | 22.89 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 22.68 | 22.91 | 22.80 | 24.0 | 0.0 |

Part270 n77 PC2 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 25.25 | 25.24 | 25.16 | | |
| 100 | PI2 BPSK | 1 | 137 | 25.65 | 25.68 | 25.55 | | |
| 100 | PI2 BPSK | 1 | 271 | 25.12 | 25.35 | 25.15 | 27.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 0 | 25.09 | 25.25 | 25.19 | 26.5 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 25.68 | 25.83 | 25.73 | 27.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 25.09 | 25.18 | 25.10 | 26.5 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 25.15 | 25.30 | 25.05 | | |
| 100 | QPSK | 1 | 1 | 25.16 | 25.28 | 25.20 | | |
| 100 | QPSK | 1 | 137 | 25.82 | 25.91 | 25.79 | 27.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.15 | 25.21 | 25.07 | | |
| 100 | QPSK | 135 | 0 | 24.63 | 24.79 | 24.70 | 26.0 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.75 | 25.90 | 25.80 | 27.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.80 | 24.86 | 24.86 | 26.0 | 1.0 |
| 100 | QPSK | 270 | 0 | 24.57 | 24.71 | 24.64 | | |
| 100 | 16QAM | 1 | 1 | 24.17 | 24.26 | 24.11 | 26.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.60 | 22.71 | 22.68 | 24.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 21.06 | 21.09 | 20.96 | 22.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649668 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 25.77 | 25.78 | 25.64 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 109 | 25.70 | 25.87 | 25.71 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649668 | 650000 | 650334 | | |
| 60 | QPSK | 1 | 81 | 25.67 | 25.88 | 25.74 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 650668 | | |
| 50 | QPSK | 1 | 67 | 25.72 | 25.80 | 25.76 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 25.74 | 25.83 | 25.75 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3840 | 3955.01 | | |
| 30 | QPSK | 1 | 39 | 25.79 | 25.78 | 25.63 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 25.73 | 25.88 | 25.70 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 25.76 | 25.87 | 25.68 | 27.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 25.71 | 25.77 | 25.70 | 27.0 | 0.0 |

Part270 n78 PC3 Ant2 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 22.17 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 22.85 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 22.58 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 22.83 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 22.82 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 22.85 | | 24.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 22.78 | | | |
| 100 | QPSK | 1 | 1 | | 22.22 | | | |
| 100 | QPSK | 1 | 137 | | 22.92 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 22.58 | | | |
| 100 | QPSK | 135 | 0 | | 22.76 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.89 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 22.81 | | 24.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 22.77 | | | |
| 100 | 16QAM | 1 | 1 | | 22.19 | | 24.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 22.15 | | 24.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.11 | | 22.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649668 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 22.87 | 22.84 | 22.81 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 22.74 | 22.87 | 22.80 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 649668 | 650000 | 651334 | | |
| 60 | QPSK | 1 | 81 | 22.77 | 22.82 | 22.87 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648334 | 650000 | 651668 | | |
| 50 | QPSK | 1 | 67 | 22.75 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 648000 | 650000 | 652000 | | |
| 40 | QPSK | 1 | 53 | 22.72 | 22.85 | 22.86 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 3715.02 | 3750 | 3755.01 | | |
| 30 | QPSK | 1 | 39 | 22.87 | 22.72 | 22.85 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647334 | 650000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 22.77 | 22.87 | 22.75 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647168 | 650000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 22.77 | 22.75 | 22.87 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| | | | | 647000 | 650000 | 653000 | | |
| 10 | QPSK | 1 | 12 | 22.84 | 22.78 | 22.82 | 24.0 | 0.0 |



Part270 n78 PC2 Ant2 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|-----|
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 25.21 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 25.82 | | 27.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 25.43 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 25.21 | | 28.5 | 0.5 | |
| 100 | PI2 BPSK | 135 | 69 | | 25.79 | | 27.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 25.47 | | | | |
| 100 | PI2 BPSK | 270 | 0 | | 25.30 | | | | |
| 100 | QPSK | 1 | 1 | | 25.23 | | | | |
| 100 | QPSK | 1 | 137 | | 25.88 | | 27.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 25.83 | | | | |
| 100 | QPSK | 135 | 0 | | 24.67 | | 28.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 25.83 | | 27.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 24.92 | | | | |
| 100 | QPSK | 270 | 0 | | 24.82 | | 28.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 24.19 | | 28.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | | 22.83 | | 24.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 21.18 | | 22.5 | 4.5 | |
| Channel | | | | 649888 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 123 | | 25.77 | 25.85 | 25.73 | 27.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 25.72 | 25.75 | 25.83 | 27.0 | 0.0 |
| Channel | | | | 648868 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 25.78 | 25.78 | 25.74 | 27.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3755.02 | | | |
| 50 | QPSK | 1 | 67 | | 25.71 | 25.73 | 25.81 | 27.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 25.78 | 25.82 | 25.78 | 27.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 653334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 25.75 | 25.80 | 25.79 | 27.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652888 | | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3760.02 | | | |
| 20 | QPSK | 1 | 26 | | 25.89 | 25.77 | 25.72 | 27.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 653334 | | | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | | 25.73 | 25.86 | 25.83 | 27.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 25.77 | 25.84 | 25.73 | 27.0 | 0.0 |



Part270 n77 PC3 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 19.35 | 19.37 | 19.29 | | |
| 100 | PI2 BPSK | 1 | 137 | 20.04 | 20.07 | 20.00 | | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 19.55 | 19.71 | 19.69 | | |
| 100 | PI2 BPSK | 135 | 0 | 19.87 | 20.02 | 19.95 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 20.12 | 20.15 | 20.03 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 20.03 | 20.08 | 19.92 | 21.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 19.78 | 19.93 | 19.79 | | |
| 100 | QPSK | 1 | 1 | 19.49 | 19.59 | 19.42 | | |
| 100 | QPSK | 1 | 137 | 20.02 | 20.25 | 19.98 | 21.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 19.47 | 19.53 | 19.51 | | |
| 100 | QPSK | 135 | 0 | 19.82 | 19.88 | 19.80 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.09 | 20.21 | 20.00 | 21.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.82 | 19.89 | 19.77 | 21.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.02 | 20.08 | 19.93 | | |
| 100 | 16QAM | 1 | 1 | 20.00 | 20.12 | 20.02 | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.04 | 20.16 | 20.01 | 21.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.73 | 19.77 | 18.65 | 19.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 19.97 | 20.23 | 19.90 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650666 | | |
| 80 | QPSK | 1 | 109 | 19.54 | 20.17 | 19.89 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 19.87 | 20.23 | 19.92 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | | |
| 50 | QPSK | 1 | 67 | 19.85 | 20.11 | 19.84 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 19.89 | 20.16 | 19.84 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 19.92 | 20.16 | 19.81 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 19.96 | 20.23 | 19.85 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 19.95 | 20.12 | 19.87 | 21.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 19.87 | 20.15 | 19.94 | 21.0 | 0.0 |

Part270 n77 PC2 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 22.24 | 22.33 | 22.26 | | |
| 100 | PI2 BPSK | 1 | 137 | 22.97 | 23.04 | 23.02 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 22.50 | 22.86 | 22.52 | | |
| 100 | PI2 BPSK | 135 | 0 | 22.50 | 22.53 | 22.47 | 23.5 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | 23.16 | 23.20 | 23.03 | 24.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 22.62 | 22.87 | 22.57 | 23.5 | 0.5 |
| 100 | PI2 BPSK | 270 | 0 | 22.39 | 22.47 | 22.32 | | |
| 100 | QPSK | 1 | 1 | 22.46 | 22.55 | 22.40 | | |
| 100 | QPSK | 1 | 137 | 23.27 | 23.33 | 23.18 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 22.51 | 22.68 | 22.53 | | |
| 100 | QPSK | 135 | 0 | 21.70 | 21.84 | 21.77 | 23.0 | 1.0 |
| 100 | QPSK | 135 | 69 | 23.13 | 23.21 | 22.99 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.85 | 21.94 | 21.80 | 23.0 | 1.0 |
| 100 | QPSK | 270 | 0 | 22.00 | 22.09 | 21.91 | | |
| 100 | 16QAM | 1 | 1 | 21.39 | 21.56 | 21.44 | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 20.23 | 20.32 | 20.23 | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.72 | 18.81 | 18.70 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 23.22 | 23.18 | 23.09 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 23.24 | 23.23 | 23.00 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 23.16 | 23.21 | 23.05 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 653668 | | |
| 50 | QPSK | 1 | 67 | 23.20 | 23.22 | 23.09 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 654000 | | |
| 40 | QPSK | 1 | 53 | 23.14 | 23.21 | 23.09 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3955.02 | | |
| 30 | QPSK | 1 | 39 | 23.21 | 23.28 | 23.18 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | | |
| 20 | QPSK | 1 | 26 | 23.19 | 23.27 | 23.02 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | | |
| 15 | QPSK | 1 | 19 | 23.17 | 23.21 | 23.10 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | | |
| 10 | QPSK | 1 | 12 | 23.24 | 23.25 | 23.06 | 24.0 | 0.0 |

Part270 n78 PC3 Ant4 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | |
| 100 | PI2 BPSK | 1 | 1 | | 23.16 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 23.99 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 23.50 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 23.74 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 24.03 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 23.79 | | 25.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 23.76 | | | |
| 100 | QPSK | 1 | 1 | | 23.34 | | | |
| 100 | QPSK | 1 | 137 | | 24.05 | | 25.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 23.40 | | | |
| 100 | QPSK | 135 | 0 | | 23.83 | | 25.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 24.04 | | 25.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.72 | | 25.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 23.88 | | | |
| 100 | 16QAM | 1 | 1 | | 23.23 | | 25.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 23.18 | | 25.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 21.98 | | 23.5 | 1.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649868 | 650000 | 650334 | | |
| 90 | QPSK | 1 | 123 | 24.01 | 23.93 | 24.02 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | | |
| 80 | QPSK | 1 | 109 | 23.93 | 23.99 | 24.00 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 23.98 | 23.98 | 23.94 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 645334 | 650000 | 651968 | | |
| 50 | QPSK | 1 | 67 | 24.02 | 23.99 | 24.03 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | | |
| 40 | QPSK | 1 | 53 | 23.98 | 23.93 | 23.94 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3765.01 | | |
| 30 | QPSK | 1 | 39 | 24.00 | 23.94 | 23.88 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | | |
| 20 | QPSK | 1 | 26 | 23.92 | 23.92 | 23.85 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | | |
| 15 | QPSK | 1 | 19 | 23.98 | 23.89 | 23.96 | 25.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | | |
| 10 | QPSK | 1 | 12 | 24.02 | 24.00 | 23.91 | 25.0 | 0.0 |



Part270 n78 PC2 Ant4 Default

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | 3760 | 3760 | 3760 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 24.23 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 24.99 | | 26.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 24.37 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 24.26 | | 25.5 | 0.5 |
| 100 | PI2 BPSK | 135 | 69 | | 25.04 | | 26.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 24.44 | | | |
| 100 | PI2 BPSK | 270 | 0 | | 24.37 | | | |
| 100 | QPSK | 1 | 1 | | 24.35 | | | |
| 100 | QPSK | 1 | 137 | | 25.20 | | 26.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 24.54 | | | |
| 100 | QPSK | 135 | 0 | | 23.66 | | 25.0 | 1.0 |
| 100 | QPSK | 135 | 69 | | 25.15 | | 26.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 23.83 | | | |
| 100 | QPSK | 270 | 0 | | 23.99 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 23.24 | | 25.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 21.83 | | 23.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 20.20 | | 21.5 | 4.5 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | |
| 90 | QPSK | 1 | 123 | 25.09 | 25.14 | 25.04 | 26.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | |
| 80 | QPSK | 1 | 109 | 25.04 | 25.14 | 25.04 | 26.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 25.07 | 25.08 | 25.05 | 26.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3755.02 | | |
| 50 | QPSK | 1 | 67 | 25.15 | 25.18 | 25.18 | 26.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3750 | 3760 | | |
| 40 | QPSK | 1 | 53 | 25.09 | 25.18 | 25.07 | 26.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | |
| 30 | QPSK | 1 | 39 | 25.13 | 25.11 | 25.09 | 26.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3761.02 | | |
| 20 | QPSK | 1 | 26 | 25.16 | 25.10 | 25.17 | 26.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | | |
| 15 | QPSK | 1 | 19 | 25.14 | 25.18 | 25.17 | 26.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | |
| 10 | QPSK | 1 | 12 | 25.13 | 25.08 | 25.12 | 26.0 | 0.0 |



| Part270 n77 PC3 Ant5 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI2 BPSK | 1 | 1 | 18.54 | 18.59 | 18.51 | | | |
| 100 | PI2 BPSK | 1 | 137 | 19.15 | 19.23 | 19.07 | | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 18.70 | 18.86 | 18.83 | | | |
| 100 | PI2 BPSK | 135 | 0 | 19.03 | 19.13 | 19.00 | 20.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 19.30 | 19.36 | 19.24 | 20.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 19.07 | 19.16 | 19.00 | 20.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 19.02 | 19.06 | 18.99 | | | |
| 100 | QPSK | 1 | 1 | 18.05 | 18.09 | 18.81 | | | |
| 100 | QPSK | 1 | 137 | 19.29 | 19.44 | 19.20 | 20.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.57 | 18.73 | 18.61 | | | |
| 100 | QPSK | 135 | 0 | 19.05 | 19.08 | 18.99 | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.25 | 19.29 | 19.20 | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.98 | 18.96 | 18.83 | 20.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.16 | 19.23 | 19.14 | | | |
| 100 | 16QAM | 1 | 1 | 18.58 | 18.63 | 18.55 | 20.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.53 | 18.58 | 18.54 | 20.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.38 | 17.40 | 17.33 | 19.0 | 1.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dB) | MPR (dB) | |
| 90 | QPSK | 1 | 123 | 19.18 | 19.33 | 19.17 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650666 | Tune-up limit (dB) | MPR (dB) | |
| 80 | QPSK | 1 | 109 | 19.21 | 19.29 | 19.14 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 653334 | Tune-up limit (dB) | MPR (dB) | |
| 60 | QPSK | 1 | 81 | 19.23 | 19.38 | 19.15 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | Tune-up limit (dB) | MPR (dB) | |
| 50 | QPSK | 1 | 67 | 19.19 | 19.41 | 19.18 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | Tune-up limit (dB) | MPR (dB) | |
| 40 | QPSK | 1 | 53 | 19.16 | 19.34 | 19.05 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dB) | MPR (dB) | |
| 30 | QPSK | 1 | 39 | 19.23 | 19.35 | 19.12 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | Tune-up limit (dB) | MPR (dB) | |
| 20 | QPSK | 1 | 26 | 19.12 | 19.31 | 19.17 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | Tune-up limit (dB) | MPR (dB) | |
| 15 | QPSK | 1 | 19 | 19.15 | 19.37 | 19.15 | 20.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | Tune-up limit (dB) | MPR (dB) | |
| 10 | QPSK | 1 | 12 | 19.19 | 19.35 | 19.13 | 20.5 | 0.0 | |

| Part270 n77 PC2 Ant5 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI2 BPSK | 1 | 1 | 21.64 | 21.55 | 21.64 | | | |
| 100 | PI2 BPSK | 1 | 137 | 22.09 | 22.23 | 22.21 | 23.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 21.76 | 21.90 | 21.78 | | | |
| 100 | PI2 BPSK | 135 | 0 | 21.56 | 21.82 | 21.48 | 23.0 | 0.5 | |
| 100 | PI2 BPSK | 135 | 69 | 22.28 | 22.36 | 22.24 | 23.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 21.78 | 21.81 | 21.71 | 23.0 | 0.5 | |
| 100 | PI2 BPSK | 270 | 0 | 21.41 | 21.56 | 21.50 | | | |
| 100 | QPSK | 1 | 1 | 21.58 | 21.86 | 21.67 | | | |
| 100 | QPSK | 1 | 137 | 22.30 | 22.46 | 22.22 | 23.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 21.70 | 21.84 | 21.77 | | | |
| 100 | QPSK | 135 | 0 | 20.93 | 20.97 | 20.91 | 22.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.27 | 22.39 | 22.21 | 23.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.00 | 21.14 | 21.00 | 22.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.08 | 21.24 | 21.11 | | | |
| 100 | 16QAM | 1 | 1 | 20.51 | 20.54 | 20.64 | 22.5 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 19.12 | 19.02 | 19.10 | 21.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 17.35 | 17.39 | 17.33 | 19.0 | 4.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dB) | MPR (dB) | |
| 90 | QPSK | 1 | 123 | 22.15 | 22.37 | 22.16 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dB) | MPR (dB) | |
| 80 | QPSK | 1 | 109 | 22.26 | 22.38 | 22.12 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 653334 | Tune-up limit (dB) | MPR (dB) | |
| 60 | QPSK | 1 | 81 | 22.23 | 22.29 | 22.12 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 653668 | Tune-up limit (dB) | MPR (dB) | |
| 50 | QPSK | 1 | 67 | 22.21 | 22.30 | 22.12 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | Tune-up limit (dB) | MPR (dB) | |
| 40 | QPSK | 1 | 53 | 22.25 | 22.35 | 22.05 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dB) | MPR (dB) | |
| 30 | QPSK | 1 | 39 | 22.20 | 22.43 | 22.14 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 654668 | Tune-up limit (dB) | MPR (dB) | |
| 20 | QPSK | 1 | 26 | 22.27 | 22.40 | 22.10 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 654834 | Tune-up limit (dB) | MPR (dB) | |
| 15 | QPSK | 1 | 19 | 22.27 | 22.35 | 22.10 | 23.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 655000 | Tune-up limit (dB) | MPR (dB) | |
| 10 | QPSK | 1 | 12 | 22.24 | 22.41 | 22.18 | 23.5 | 0.0 | |

| Part270 n78 PC3 Ant5 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 22.53 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 23.28 | | 24.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 22.87 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 23.06 | | 24.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 23.33 | | 24.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 23.16 | | 24.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 22.93 | | | | |
| 100 | QPSK | 1 | 1 | | 22.61 | | | | |
| 100 | QPSK | 1 | 137 | | 23.38 | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 22.62 | | | | |
| 100 | QPSK | 135 | 0 | | 23.05 | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 23.30 | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 23.03 | | 24.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 23.21 | | | | |
| 100 | 16QAM | 1 | 1 | | 22.61 | | 24.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 22.53 | | 24.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 21.33 | | 23.0 | 1.5 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646968 | 650000 | 653034 | Tune-up limit (dB) | MPR (dB) | |
| 90 | QPSK | 1 | 123 | 23.26 | 23.20 | 23.31 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dB) | MPR (dB) | |
| 80 | QPSK | 1 | 109 | 23.24 | 23.25 | 23.20 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 645668 | 650000 | 651334 | Tune-up limit (dB) | MPR (dB) | |
| 60 | QPSK | 1 | 81 | 23.32 | 23.24 | 23.26 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 651968 | Tune-up limit (dB) | MPR (dB) | |
| 50 | QPSK | 1 | 67 | 23.28 | 23.33 | 23.27 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | Tune-up limit (dB) | MPR (dB) | |
| 40 | QPSK | 1 | 53 | 23.29 | 23.26 | 23.25 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | Tune-up limit (dB) | MPR (dB) | |
| 30 | QPSK | 1 | 39 | 23.26 | 23.29 | 23.31 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dB) | MPR (dB) | |
| 20 | QPSK | 1 | 26 | 23.19 | 23.30 | 23.30 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dB) | MPR (dB) | |
| 15 | QPSK | 1 | 19 | 23.23 | 23.22 | 23.21 | 24.5 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dB) | MPR (dB) | |
| 10 | QPSK | 1 | 12 | 23.25 | 23.25 | 23.24 | 24.5 | 0.0 | |



Part270 n77 PC2&3 Ant7 DS14

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------|---------------------------|-------------------------|---------------------|----------|
| | | | | Low Ch. / Freq. 650000 | Middle Ch. / Freq. 655000 | High Ch. / Freq. 659000 | | |
| Channel | | | | 3750 | 3840 | 3930 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.14 | 20.27 | 20.15 | | |
| 100 | PI/2 BPSK | 1 | 137 | 20.84 | 20.88 | 20.73 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 20.22 | 20.14 | 20.13 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.08 | 20.30 | 20.11 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.85 | 21.04 | 20.73 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.22 | 20.22 | 20.20 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.26 | 20.23 | 20.12 | | |
| 100 | QPSK | 1 | 1 | 20.19 | 20.32 | 20.02 | | |
| 100 | QPSK | 1 | 137 | 20.91 | 21.10 | 20.77 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 20.26 | 20.28 | 20.23 | | |
| 100 | QPSK | 135 | 0 | 20.14 | 20.25 | 20.11 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.80 | 20.69 | 20.63 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.21 | 20.21 | 20.19 | 22.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.50 | 20.94 | 20.72 | | |
| 100 | 16QAM | 1 | 1 | 20.88 | 20.88 | 20.72 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.79 | 20.93 | 20.77 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.87 | 20.89 | 20.77 | 22.0 | 0.0 |
| Channel | | | | 648968 | 655000 | 652834 | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 20.88 | 20.88 | 20.76 | 22.0 | 0.0 |
| Channel | | | | 649334 | 656000 | 652668 | | |
| Frequency (MHz) | | | | 3740.01 | 3740 | 3740.02 | | |
| 80 | QPSK | 1 | 109 | 20.90 | 20.93 | 20.73 | 22.0 | 0.0 |
| Channel | | | | 648968 | 655000 | 651334 | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 20.84 | 20.90 | 20.72 | 22.0 | 0.0 |
| Channel | | | | 648334 | 655000 | 651668 | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | |
| 50 | QPSK | 1 | 67 | 20.90 | 20.95 | 20.82 | 22.0 | 0.0 |
| Channel | | | | 648000 | 655000 | 654000 | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 53 | 20.91 | 20.99 | 20.72 | 22.0 | 0.0 |
| Channel | | | | 647668 | 655000 | 652334 | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 39 | 20.85 | 20.92 | 20.79 | 22.0 | 0.0 |
| Channel | | | | 647334 | 655000 | 652668 | | |
| Frequency (MHz) | | | | 3710.01 | 3740 | 3740.02 | | |
| 20 | QPSK | 1 | 26 | 20.82 | 20.99 | 20.79 | 22.0 | 0.0 |
| Channel | | | | 647168 | 655000 | 652834 | | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | |
| 15 | QPSK | 1 | 19 | 20.90 | 20.94 | 20.76 | 22.0 | 0.0 |
| Channel | | | | 647000 | 655000 | 653000 | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 12 | 20.81 | 20.98 | 20.74 | 22.0 | 0.0 |

Part270 n78 PC2&3 Ant7 DS14

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|------------------------|---------------------------|-------------------------|---------------------|----------|-----|
| | | | | Low Ch. / Freq. 650000 | Middle Ch. / Freq. 655000 | High Ch. / Freq. 659000 | | | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.17 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 20.95 | | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.11 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.28 | | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | | 20.94 | | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | | 20.19 | | | | |
| 100 | QPSK | 1 | 1 | | 20.19 | | | | |
| 100 | QPSK | 1 | 137 | | 21.07 | | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 20.14 | | | | |
| 100 | QPSK | 135 | 0 | | 20.13 | | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 20.86 | | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 20.97 | | | | |
| 100 | 16QAM | 1 | 1 | | 20.81 | | 22.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 20.89 | | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 20.67 | | 22.0 | 0.0 | |
| Channel | | | | 648968 | 655000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | | 20.75 | 20.77 | 20.89 | 22.0 | 0.0 |
| Channel | | | | 649334 | 655000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | | 20.73 | 20.79 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 648968 | 655000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | | 20.84 | 20.80 | 20.88 | 22.0 | 0.0 |
| Channel | | | | 648334 | 655000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | | 20.85 | 20.83 | 20.73 | 22.0 | 0.0 |
| Channel | | | | 648000 | 655000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | | 20.85 | 20.83 | 20.84 | 22.0 | 0.0 |
| Channel | | | | 647668 | 655000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | | 20.82 | 20.75 | 20.84 | 22.0 | 0.0 |
| Channel | | | | 647334 | 655000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3780.02 | | | |
| 20 | QPSK | 1 | 26 | | 20.77 | 20.85 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 647168 | 655000 | 652834 | | | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | | 20.84 | 20.77 | 20.70 | 22.0 | 0.0 |
| Channel | | | | 647000 | 655000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | | 20.86 | 20.84 | 20.67 | 22.0 | 0.0 |



Reduced Power Mode for DSI6

| n2 Ant0 DSI6 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 375000 | 376000 | 380000 | | | |
| Frequency (MHz) | | | | 1890 | 1890 | 1900 | | | |
| 20 | PI2 BPSK | 1 | 1 | 21.77 | 21.83 | 21.75 | | | |
| 20 | PI2 BPSK | 1 | 53 | 21.75 | 21.76 | 21.70 | 23.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 21.84 | 21.67 | 21.56 | | | |
| 20 | PI2 BPSK | 50 | 0 | 21.55 | 21.70 | 21.69 | 23.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 28 | 21.86 | 21.83 | 21.73 | 23.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 21.72 | 21.82 | 21.74 | | | |
| 20 | PI2 BPSK | 100 | 0 | 21.69 | 21.77 | 21.79 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 1 | 21.82 | 21.91 | 21.85 | | | |
| 20 | QPSK | 1 | 53 | 21.84 | 21.89 | 21.72 | 23.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 21.83 | 21.75 | 21.84 | | | |
| 20 | QPSK | 50 | 0 | 21.55 | 21.68 | 21.63 | 23.0 | 0.0 | |
| 20 | QPSK | 50 | 28 | 21.79 | 21.86 | 21.80 | 23.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 21.73 | 21.76 | 21.66 | | | |
| 20 | QPSK | 100 | 0 | 21.72 | 21.80 | 21.74 | 23.0 | 0.0 | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.67 | 21.59 | 23.0 | 0.0 | |
| 20 | 64QAM | 1 | 1 | 20.13 | 20.19 | 20.03 | 21.5 | 1.5 | |
| 20 | 256QAM | 1 | 1 | 18.42 | 18.59 | 18.52 | 19.5 | 3.5 | |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1827.5 | 1890 | 1902.5 | | | |
| 15 | QPSK | 1 | 1 | 21.73 | 21.80 | 21.75 | 23.0 | 0.0 | |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1855 | 1890 | 1905 | | | |
| 10 | QPSK | 1 | 1 | 21.70 | 21.76 | 21.73 | 23.0 | 0.0 | |
| Channel | | | | 375500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 1862.5 | 1890 | 1907.5 | | | |
| 5 | QPSK | 1 | 1 | 21.79 | 21.81 | 21.81 | 23.0 | 0.0 | |

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 166800 | 167300 | 167800 | | | |
| Frequency (MHz) | | | | 894 | 894.5 | 899 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | | | |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.79 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.88 | | | |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.36 | 22.19 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 50 | 28 | 22.76 | 22.91 | 22.86 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 22.38 | 22.42 | 22.29 | | | |
| 20 | PI2 BPSK | 100 | 0 | 22.28 | 22.38 | 22.24 | 23.5 | 0.5 | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.98 | 22.90 | | | |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.78 | 24.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 22.80 | 22.88 | 22.81 | | | |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | 23.0 | 1.0 | |
| 20 | QPSK | 50 | 28 | 22.82 | 22.92 | 22.84 | 24.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 21.84 | 21.88 | 21.78 | | | |
| 20 | QPSK | 100 | 0 | 21.69 | 21.83 | 21.76 | 23.0 | 1.0 | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 | |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 19.5 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | | |
| 15 | QPSK | 1 | 1 | 22.76 | 22.81 | 22.80 | 24.0 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 828.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 | |

| n7 Ant0 DSI6 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 505000 | 507000 | 509000 | | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2545 | | | |
| 50 | PI2 BPSK | 1 | 1 | 18.99 | 18.06 | 18.02 | | | |
| 50 | PI2 BPSK | 1 | 135 | 18.84 | 18.97 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 1 | 268 | 18.82 | 18.87 | 18.85 | | | |
| 50 | PI2 BPSK | 135 | 0 | 18.74 | 18.92 | 18.84 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 68 | 18.93 | 19.06 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 135 | 18.92 | 18.95 | 18.89 | | | |
| 50 | PI2 BPSK | 270 | 0 | 18.95 | 19.02 | 19.00 | 20.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 19.11 | 19.13 | 19.04 | | | |
| 50 | QPSK | 1 | 135 | 19.00 | 19.07 | 18.92 | 20.0 | 0.0 | |
| 50 | QPSK | 1 | 268 | 18.80 | 19.01 | 18.85 | | | |
| 50 | QPSK | 135 | 0 | 18.79 | 18.96 | 18.77 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 68 | 19.07 | 19.12 | 19.11 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 135 | 18.91 | 19.00 | 18.85 | | | |
| 50 | QPSK | 270 | 0 | 18.90 | 19.08 | 19.07 | 20.0 | 0.0 | |
| 50 | 16QAM | 1 | 1 | 18.63 | 18.79 | 18.67 | 20.0 | 0.0 | |
| 50 | 64QAM | 1 | 1 | 18.58 | 18.65 | 18.56 | 20.0 | 0.0 | |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 0.5 | |
| Channel | | | | 504000 | 507000 | 510000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | | |
| 40 | QPSK | 1 | 1 | 18.97 | 19.09 | 18.90 | 20.0 | 0.0 | |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | | |
| 30 | QPSK | 1 | 1 | 19.06 | 19.04 | 18.99 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2510 | 2535 | 2557.5 | | | |
| 25 | QPSK | 1 | 1 | 19.01 | 19.05 | 18.92 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 509000 | 512000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | |
| 20 | PI2 BPSK | 1 | 1 | 19.04 | 19.10 | 18.95 | 20.0 | 0.0 | |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | |
| 15 | QPSK | 1 | 1 | 19.02 | 19.06 | 18.97 | 20.0 | 0.0 | |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | |
| 10 | QPSK | 1 | 1 | 18.98 | 19.00 | 18.89 | 20.0 | 0.0 | |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | | |
| 5 | QPSK | 1 | 1 | 19.02 | 19.08 | 19.00 | 20.0 | 0.0 | |



n66 Ant0 DSI6

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 348000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1740 | 1745 | 1760 | | |
| 40 | PI2 BPSK | 1 | 1 | 20.93 | 21.00 | 20.95 | | |
| 40 | PI2 BPSK | 1 | 108 | 20.84 | 20.92 | 20.83 | 22.5 | 0.0 |
| 40 | PI2 BPSK | 1 | 214 | 20.80 | 20.78 | 20.76 | | |
| 40 | PI2 BPSK | 108 | 0 | 20.67 | 20.76 | 20.79 | 22.5 | 0.0 |
| 40 | PI2 BPSK | 108 | 54 | 20.81 | 20.91 | 20.78 | 22.5 | 0.0 |
| 40 | PI2 BPSK | 108 | 108 | 20.82 | 20.91 | 20.89 | | |
| 40 | PI2 BPSK | 216 | 0 | 20.88 | 20.96 | 20.96 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 21.04 | 21.08 | 20.96 | | |
| 40 | QPSK | 1 | 108 | 20.93 | 20.92 | 20.81 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.72 | 20.80 | 20.72 | | |
| 40 | QPSK | 108 | 0 | 20.70 | 20.78 | 20.84 | 22.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.88 | 21.01 | 20.98 | 22.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.81 | 20.88 | 20.79 | 22.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.78 | 20.84 | 20.88 | | |
| 40 | 16QAM | 1 | 1 | 20.52 | 20.64 | 20.57 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.77 | 19.88 | 19.76 | 21.5 | 1.0 |
| 40 | 256QAM | 1 | 1 | 17.74 | 17.91 | 17.88 | 19.5 | 3.0 |
| Channel | | | | 345000 | 349000 | 353000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 20.89 | 21.03 | 20.90 | 22.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 20.91 | 21.01 | 20.83 | 22.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 21.00 | 21.00 | 20.90 | 22.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 20.83 | 21.01 | 20.89 | 22.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 20.92 | 21.04 | 20.90 | 22.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 20.93 | 20.95 | 20.81 | 22.5 | 0.0 |



| n38 Ant0 DS16 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519304 | 519500 | 519596 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | Pl/2 BPSK | 1 | 1 | 17.15 | 17.27 | 17.24 | | | |
| 40 | Pl/2 BPSK | 1 | 53 | 17.68 | 17.71 | 17.57 | 19.0 | 0.0 | |
| 40 | Pl/2 BPSK | 1 | 104 | 17.26 | 17.32 | 17.28 | | | |
| 40 | Pl/2 BPSK | 50 | 0 | 17.44 | 17.52 | 17.46 | 19.0 | 0.0 | |
| 40 | Pl/2 BPSK | 50 | 28 | 17.89 | 17.74 | 17.62 | 19.0 | 0.0 | |
| 40 | Pl/2 BPSK | 50 | 56 | 17.50 | 17.61 | 17.53 | 19.0 | 0.0 | |
| 40 | Pl/2 BPSK | 100 | 0 | 17.54 | 17.65 | 17.57 | | | |
| 40 | QPSK | 1 | 1 | 17.25 | 17.33 | 17.28 | | | |
| 40 | QPSK | 1 | 53 | 17.74 | 17.79 | 17.71 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 17.23 | 17.28 | 17.17 | | | |
| 40 | QPSK | 50 | 0 | 17.52 | 17.61 | 17.50 | 19.0 | 0.0 | |
| 40 | QPSK | 50 | 28 | 17.62 | 17.78 | 17.67 | 19.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 17.45 | 17.59 | 17.52 | 19.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 17.61 | 17.65 | 17.58 | | | |
| 40 | 16QAM | 1 | 1 | 17.17 | 17.31 | 17.25 | 19.0 | 0.0 | |
| 40 | 16QAM | 1 | 1 | 17.22 | 17.27 | 17.17 | 19.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 17.15 | 17.24 | 17.14 | 19.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.91 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 39 | 17.64 | 17.74 | 17.68 | 19.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2592.52 | 2595 | 2607.48 | | | |
| 25 | QPSK | 1 | 32 | 17.64 | 17.71 | 17.53 | 19.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 26 | 17.69 | 17.70 | 17.58 | 19.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 17.91 | 2612.49 | | | |
| 15 | QPSK | 1 | 19 | 17.68 | 17.79 | 17.62 | 19.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 12 | 17.62 | 17.67 | 17.56 | 19.0 | 0.0 | |

| n41 PC3 Ant0 DS16 | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 526202 | 518598 | 529200 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | Pl/2 BPSK | 1 | 1 | 17.11 | 17.14 | 17.06 | | | |
| 100 | Pl/2 BPSK | 1 | 137 | 17.85 | 17.83 | 17.88 | 19.0 | 0.0 | |
| 100 | Pl/2 BPSK | 1 | 271 | 17.24 | 17.19 | 17.15 | | | |
| 100 | Pl/2 BPSK | 135 | 0 | 17.70 | 17.83 | 17.77 | 19.0 | 0.0 | |
| 100 | Pl/2 BPSK | 135 | 69 | 17.78 | 17.90 | 17.76 | 19.0 | 0.0 | |
| 100 | Pl/2 BPSK | 135 | 138 | 17.66 | 17.76 | 17.70 | 19.0 | 0.0 | |
| 100 | Pl/2 BPSK | 270 | 0 | 17.72 | 17.81 | 17.67 | | | |
| 100 | QPSK | 1 | 1 | 17.16 | 17.28 | 17.24 | | | |
| 100 | QPSK | 1 | 137 | 17.93 | 17.97 | 17.88 | 19.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.11 | 17.22 | 17.09 | | | |
| 100 | QPSK | 135 | 0 | 17.72 | 17.89 | 17.86 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.79 | 17.92 | 17.85 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.77 | 17.84 | 17.80 | 19.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.81 | 17.88 | 17.78 | | | |
| 100 | 16QAM | 1 | 1 | 17.67 | 17.75 | 17.61 | 19.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.62 | 17.69 | 17.60 | 19.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.53 | 17.61 | 17.58 | 19.0 | 0.0 | |
| Channel | | | | 500200 | 518598 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 123 | 17.80 | 17.87 | 17.82 | 19.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.62 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 109 | 17.85 | 17.91 | 17.79 | 19.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 81 | 17.83 | 17.86 | 17.78 | 19.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.69 | 2592.99 | 2649.99 | | | |
| 50 | QPSK | 1 | 67 | 17.89 | 17.90 | 17.75 | 19.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 53 | 17.76 | 17.84 | 17.76 | 19.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 39 | 17.86 | 17.92 | 17.80 | 19.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 536998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.62 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 26 | 17.84 | 17.87 | 17.72 | 19.0 | 0.0 | |
| Channel | | | | 500700 | 518598 | 538498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | | |
| 15 | QPSK | 1 | 19 | 17.82 | 17.88 | 17.75 | 19.0 | 0.0 | |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2501.61 | 2592.99 | 2685 | | | |
| 10 | QPSK | 1 | 12 | 17.82 | 17.89 | 17.73 | 19.0 | 0.0 | |



n2 Ant1 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1860 | 1860 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 21.10 | 21.20 | 21.12 | | |
| 20 | PI2 BPSK | 1 | 53 | 21.05 | 21.04 | 21.01 | 22.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 20.92 | 20.97 | 20.91 | | |
| 20 | PI2 BPSK | 50 | 0 | 20.88 | 20.83 | 20.84 | 22.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 28 | 20.98 | 21.11 | 21.03 | 22.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 21.03 | 21.05 | 21.08 | 22.0 | 0.0 |
| 20 | PI2 BPSK | 100 | 0 | 21.01 | 21.06 | 21.12 | | |
| 20 | QPSK | 1 | 1 | 21.21 | 21.27 | 21.19 | | |
| 20 | QPSK | 1 | 53 | 21.11 | 21.12 | 21.03 | 22.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 20.94 | 21.02 | 20.91 | | |
| 20 | QPSK | 50 | 0 | 20.94 | 21.04 | 20.88 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.07 | 21.22 | 21.20 | 22.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 20.95 | 21.10 | 21.04 | 22.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.08 | 21.18 | 21.15 | | |
| 20 | 16QAM | 1 | 1 | 20.68 | 20.78 | 20.72 | 22.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.76 | 19.82 | 19.72 | 20.5 | 1.5 |
| 20 | 256QAM | 1 | 1 | 17.84 | 17.91 | 17.75 | 18.5 | 3.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375000 | 376000 | 380000 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 21.16 | 21.22 | 21.10 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 21.06 | 21.15 | 21.11 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 18.52 | 18.60 | 19.07.5 | 22.0 | 0.0 |

21.25

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.88 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.28 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.28 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.55 | 20.84 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 23.30 | 23.35 | 23.21 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 18.13 | 18.17 | 18.07 | | |
| 50 | PI2 BPSK | 1 | 135 | 18.04 | 18.12 | 17.98 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 17.93 | 18.06 | 17.89 | | |
| 50 | PI2 BPSK | 135 | 0 | 17.88 | 17.93 | 17.92 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 68 | 18.05 | 18.19 | 18.00 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 18.12 | 18.06 | 18.00 | 19.0 | 0.0 |
| 50 | PI2 BPSK | 270 | 0 | 18.02 | 18.13 | 18.06 | | |
| 50 | QPSK | 1 | 1 | 18.15 | 18.26 | 18.21 | | |
| 50 | QPSK | 1 | 135 | 18.08 | 18.15 | 18.09 | 19.0 | 0.0 |
| 50 | QPSK | 1 | 268 | 17.98 | 18.03 | 17.91 | | |
| 50 | QPSK | 135 | 0 | 17.83 | 18.01 | 17.89 | 19.0 | 0.0 |
| 50 | QPSK | 135 | 68 | 18.05 | 18.24 | 18.22 | 19.0 | 0.0 |
| 50 | QPSK | 135 | 135 | 18.04 | 18.15 | 18.06 | 19.0 | 0.0 |
| 50 | QPSK | 270 | 0 | 18.07 | 18.18 | 18.01 | | |
| 50 | 16QAM | 1 | 1 | 17.77 | 17.80 | 17.82 | 19.0 | 0.0 |
| 50 | 64QAM | 1 | 1 | 17.88 | 17.73 | 17.66 | 19.0 | 0.0 |
| 50 | 256QAM | 1 | 1 | 17.78 | 17.84 | 17.87 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 50900 | 50700 | 51000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 1 | 18.10 | 18.16 | 18.14 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 1 | 23.15 | 23.32 | 23.55 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| 25 | QPSK | 1 | 1 | 18.04 | 18.19 | 18.10 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| 20 | PI2 BPSK | 1 | 1 | 18.02 | 18.23 | 18.10 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 25.07.5 | 25.35 | 25.62.5 | 26.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 18.10 | 18.14 | 18.07 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 18.08 | 18.22 | 18.16 | 19.0 | 0.0 |



n66 Ant1 DSI6

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 349000 | 349000 | 350000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.24 | 22.31 | 22.15 | | |
| 40 | PI/2 BPSK | 1 | 108 | 22.18 | 22.33 | 22.23 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 21.98 | 22.11 | 22.05 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.28 | 22.34 | 22.28 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 22.16 | 22.31 | 22.19 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.15 | 22.21 | 22.11 | 23.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 22.28 | 22.28 | 22.17 | | |
| 40 | QPSK | 1 | 1 | 22.24 | 22.38 | 22.33 | | |
| 40 | QPSK | 1 | 108 | 22.28 | 22.32 | 22.21 | 23.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 22.08 | 22.18 | 22.05 | | |
| 40 | QPSK | 108 | 0 | 21.68 | 21.84 | 21.71 | 23.0 | 0.5 |
| 40 | QPSK | 108 | 54 | 22.25 | 22.33 | 22.19 | 23.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.87 | 21.89 | 21.85 | | |
| 40 | QPSK | 216 | 0 | 21.75 | 21.77 | 21.72 | 23.0 | 0.5 |
| 40 | 16QAM | 1 | 1 | 21.48 | 21.56 | 21.45 | 23.0 | 0.5 |
| 40 | 16QAM | 1 | 1 | 20.04 | 20.11 | 20.01 | 21.5 | 2.0 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.38 | 18.32 | 19.5 | 4.0 |
| Channel | | | | 345000 | 345000 | 350000 | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.05 | 22.24 | 22.22 | 23.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 22.07 | 22.29 | 22.19 | 23.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.08 | 22.22 | 22.21 | 23.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.05 | 22.28 | 22.21 | 23.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.07 | 22.25 | 22.19 | 23.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.07 | 22.23 | 22.21 | 23.5 | 0.0 |



| n38 Ant1 DSI6 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 519394 | 519500 | 519596 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.73 | 17.85 | 17.74 | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.11 | 18.21 | 18.07 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 17.54 | 17.66 | 17.57 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.01 | 18.08 | 18.04 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.15 | 18.20 | 18.15 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.79 | 17.87 | 17.72 | 19.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.96 | 18.03 | 17.93 | | |
| 40 | QPSK | 1 | 1 | 17.84 | 17.89 | 17.82 | | |
| 40 | QPSK | 1 | 53 | 18.23 | 18.28 | 18.15 | 19.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 17.60 | 17.68 | 17.56 | | |
| 40 | QPSK | 50 | 0 | 18.05 | 18.15 | 18.09 | 19.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.17 | 18.23 | 18.19 | 19.0 | 0.0 |
| 40 | QPSK | 80 | 56 | 17.72 | 17.82 | 17.67 | 19.0 | 0.0 |
| 40 | QPSK | 100 | 0 | 18.05 | 18.08 | 17.97 | | |
| 40 | 16QAM | 1 | 1 | 17.53 | 17.66 | 17.57 | 19.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.48 | 17.58 | 17.46 | 19.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.66 | 17.77 | 17.67 | 18.5 | 0.5 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.91 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 39 | 18.20 | 18.19 | 18.07 | 19.0 | 0.0 |
| Channel | | | | 516504 | 519000 | 521498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.48 | | |
| 25 | QPSK | 1 | 32 | 18.10 | 18.17 | 18.11 | 19.0 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 26 | 18.10 | 18.24 | 18.08 | 19.0 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 18.11 | 2612.49 | | |
| 15 | QPSK | 1 | 19 | 18.15 | 18.20 | 18.08 | 19.0 | 0.0 |
| Channel | | | | 515004 | 519000 | 522998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 12 | 18.09 | 18.14 | 18.01 | 19.0 | 0.0 |

| n41 PC3 Ant1 DSI6 | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 529202 | 518998 | 529200 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.61 | 17.67 | 17.62 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.07 | 18.14 | 18.02 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 17.38 | 17.42 | 17.38 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.01 | 18.07 | 18.03 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.21 | 18.29 | 18.21 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.90 | 17.96 | 17.81 | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.94 | 18.08 | 18.01 | | |
| 100 | QPSK | 1 | 1 | 17.61 | 17.73 | 17.60 | | |
| 100 | QPSK | 1 | 137 | 18.28 | 18.32 | 18.23 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.44 | 17.49 | 17.39 | | |
| 100 | QPSK | 135 | 0 | 18.02 | 18.12 | 17.98 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.07 | 18.18 | 18.09 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.90 | 17.85 | 17.85 | 19.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.99 | 18.03 | 17.98 | | |
| 100 | 16QAM | 1 | 1 | 17.48 | 17.52 | 17.37 | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 17.38 | 17.44 | 17.35 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.64 | 17.76 | 17.69 | 18.5 | 0.5 |
| Channel | | | | 529200 | 518998 | 529198 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 18.23 | 18.26 | 18.18 | 19.0 | 0.0 |
| Channel | | | | 507204 | 518998 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2648.99 | | |
| 80 | QPSK | 1 | 109 | 18.10 | 18.18 | 18.13 | 19.0 | 0.0 |
| Channel | | | | 502000 | 518998 | 531998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 18.14 | 18.29 | 18.10 | 19.0 | 0.0 |
| Channel | | | | 504204 | 518998 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 18.15 | 18.24 | 18.15 | 19.0 | 0.0 |
| Channel | | | | 503202 | 518998 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 18.13 | 18.27 | 18.15 | 19.0 | 0.0 |
| Channel | | | | 502000 | 518998 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 18.22 | 18.22 | 18.16 | 19.0 | 0.0 |
| Channel | | | | 501204 | 518998 | 536998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 18.25 | 18.20 | 18.19 | 19.0 | 0.0 |
| Channel | | | | 500700 | 518998 | 538498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 19 | 18.25 | 18.25 | 18.13 | 19.0 | 0.0 |
| Channel | | | | 500202 | 518998 | 537000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2491.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 12 | 18.16 | 18.17 | 18.16 | 19.0 | 0.0 |



Part270 n77 PC2 Ant2&3 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | 65000 | 65000 | 65000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI2 BPSK | 1 | 1 | 18.42 | 16.35 | 16.35 | | |
| 100 | PI2 BPSK | 1 | 137 | 18.69 | 16.87 | 16.71 | 18.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 18.28 | 16.59 | 16.52 | | |
| 100 | PI2 BPSK | 135 | 0 | 18.27 | 16.38 | 16.49 | 18.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 18.95 | 17.07 | 16.80 | 18.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 18.71 | 16.99 | 16.88 | 18.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 18.38 | 16.38 | 16.18 | | |
| 100 | QPSK | 1 | 1 | 18.11 | 16.25 | 16.15 | | |
| 100 | QPSK | 1 | 137 | 18.95 | 17.11 | 16.97 | 18.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 16.45 | 16.34 | 16.27 | | |
| 100 | QPSK | 135 | 0 | 18.72 | 16.92 | 16.74 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.87 | 17.08 | 17.02 | 18.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.82 | 16.87 | 16.78 | 18.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 18.83 | 16.85 | 16.83 | | |
| 100 | 16QAM | 1 | 1 | 16.90 | 17.00 | 16.85 | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.87 | 16.92 | 16.80 | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.69 | 16.78 | 16.69 | 18.0 | 0.0 |
| Channel | | | | 64998 | 65000 | 65034 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 16.84 | 17.00 | 16.85 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 109 | 16.90 | 16.99 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 16.88 | 16.97 | 16.89 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | |
| 50 | QPSK | 1 | 67 | 16.91 | 17.00 | 16.86 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 53 | 16.82 | 17.09 | 16.87 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 39 | 16.92 | 17.08 | 16.83 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | |
| 20 | QPSK | 1 | 26 | 16.81 | 17.04 | 16.99 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | |
| 15 | QPSK | 1 | 19 | 16.85 | 17.01 | 16.93 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 12 | 16.88 | 16.97 | 16.84 | 18.0 | 0.0 |

Part270 n78 PC2&3 Ant2 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|
| Channel | | | | 65000 | 65000 | 65000 | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | PI2 BPSK | 1 | 1 | | 16.30 | | | |
| 100 | PI2 BPSK | 1 | 137 | | 16.82 | | 18.0 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | | 16.48 | | | |
| 100 | PI2 BPSK | 135 | 0 | | 16.15 | | 18.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | | 16.93 | | 18.0 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | | 16.80 | | 18.0 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | | 16.20 | | | |
| 100 | QPSK | 1 | 1 | | 16.13 | | | |
| 100 | QPSK | 1 | 137 | | 16.97 | | 18.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 16.32 | | | |
| 100 | QPSK | 135 | 0 | | 16.84 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.82 | | 18.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 16.85 | | 18.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 16.77 | | | |
| 100 | 16QAM | 1 | 1 | | 16.90 | | 18.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.81 | | 18.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.51 | | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | |
| 90 | QPSK | 1 | 123 | 16.83 | 16.91 | 16.92 | 18.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | | |
| 80 | QPSK | 1 | 109 | 16.82 | 16.92 | 16.94 | 18.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 16.85 | 16.96 | 16.86 | 18.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | |
| 50 | QPSK | 1 | 67 | 16.88 | 16.91 | 16.90 | 18.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | |
| 40 | QPSK | 1 | 53 | 16.82 | 16.92 | 16.93 | 18.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | |
| 30 | QPSK | 1 | 39 | 16.92 | 16.95 | 16.92 | 18.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3792.02 | | |
| 20 | QPSK | 1 | 26 | 16.90 | 16.92 | 16.93 | 18.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | |
| 15 | QPSK | 1 | 19 | 16.82 | 16.91 | 16.91 | 18.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | |
| 10 | QPSK | 1 | 12 | 16.84 | 16.85 | 16.83 | 18.0 | 0.0 |



| Part270 n77 PC2&3 Ant4 DSI6 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3840 | 3930 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 18.95 | 17.07 | 16.90 | | | |
| 100 | PI2 BPSK | 1 | 137 | 17.76 | 17.78 | 17.54 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 17.02 | 17.13 | 16.90 | | | |
| 100 | PI2 BPSK | 135 | 0 | 18.93 | 17.00 | 16.82 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 17.79 | 17.76 | 17.61 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 17.00 | 17.12 | 17.07 | 18.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 17.80 | 17.88 | 17.85 | | | |
| 100 | QPSK | 1 | 1 | 17.04 | 17.11 | 16.96 | | | |
| 100 | QPSK | 1 | 137 | 17.82 | 17.95 | 17.84 | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.10 | 17.26 | 17.15 | | | |
| 100 | QPSK | 135 | 0 | 18.83 | 16.98 | 16.94 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.77 | 17.80 | 17.62 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.96 | 17.14 | 17.12 | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.52 | 17.75 | 17.43 | | | |
| 100 | 16QAM | 1 | 1 | 17.01 | 17.06 | 16.93 | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.72 | 16.98 | 16.71 | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.71 | 16.78 | 16.74 | 18.5 | 0.0 | |
| Channel | | | | 649968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 17.89 | 17.80 | 17.66 | 18.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 17.70 | 17.81 | 17.59 | 18.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 17.80 | 17.77 | 17.82 | 18.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 17.79 | 17.75 | 17.75 | 18.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 17.85 | 17.07 | 17.70 | 18.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 17.81 | 17.74 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 17.70 | 17.73 | 17.74 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 17.90 | 17.80 | 17.89 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 17.71 | 17.77 | 17.66 | 18.5 | 0.0 | |

| Part270 n78 PC2&3 Ant4 DSI6 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 17.87 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 18.64 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 18.04 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 17.89 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 18.67 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 18.03 | | 19.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 18.21 | | | | |
| 100 | QPSK | 1 | 1 | | 17.85 | | | | |
| 100 | QPSK | 1 | 137 | | 18.78 | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 18.08 | | | | |
| 100 | QPSK | 135 | 0 | | 17.84 | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 18.72 | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 17.85 | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 18.54 | | | | |
| 100 | 16QAM | 1 | 1 | | 17.84 | | 19.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 17.82 | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 17.80 | | 19.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 18.60 | 18.62 | 18.40 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | 18.50 | 18.64 | 18.49 | 19.5 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 18.55 | 18.67 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 18.49 | 18.69 | 18.41 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 18.52 | 18.65 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 18.61 | 18.60 | 18.49 | 19.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 18.55 | 18.69 | 18.46 | 19.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 18.58 | 18.63 | 18.42 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 18.55 | 18.68 | 18.43 | 19.5 | 0.0 | |



Part270 n77 PC2&3 Ant5 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 65000 | Power Middle Ch. / Freq. 65500 | Power High Ch. / Freq. 65900 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | Pl2 BPSK | 1 | 1 | 17.15 | 17.18 | 17.07 | | |
| 100 | Pl2 BPSK | 1 | 137 | 17.65 | 17.75 | 17.59 | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 1 | 271 | 17.30 | 17.41 | 17.29 | | |
| 100 | Pl2 BPSK | 135 | 0 | 17.45 | 17.54 | 17.34 | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 69 | 17.78 | 17.91 | 17.65 | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 138 | 17.79 | 17.81 | 17.48 | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 270 | 0 | 17.32 | 17.40 | 17.40 | | |
| 100 | QPSK | 1 | 1 | 17.15 | 17.15 | 17.18 | | |
| 100 | QPSK | 1 | 137 | 17.75 | 17.88 | 17.72 | 19.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.18 | 17.27 | 17.24 | | |
| 100 | QPSK | 135 | 0 | 17.15 | 17.21 | 17.25 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.67 | 17.63 | 17.76 | 19.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.36 | 17.62 | 17.23 | 19.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.44 | 17.68 | 17.35 | | |
| 100 | 16QAM | 1 | 1 | 17.08 | 17.07 | 17.02 | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.02 | 17.05 | 17.04 | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.35 | 17.39 | 17.33 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 17.63 | 17.90 | 17.61 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 656000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 17.07 | 17.09 | 17.53 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 17.62 | 17.93 | 17.65 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 655000 | 653668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 17.68 | 17.93 | 17.61 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 655000 | 654000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 17.20 | 17.69 | 17.67 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 17.69 | 17.95 | 17.70 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 17.60 | 17.65 | 17.65 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 655000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 17.70 | 17.98 | 17.59 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 655000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 17.62 | 17.89 | 17.65 | 19.0 | 0.0 |

Part270 n78 PC2&3 Ant5 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 65000 | Power Middle Ch. / Freq. 65500 | Power High Ch. / Freq. 65900 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------------|--------------------------------|------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | Pl2 BPSK | 1 | 1 | | 17.30 | | | |
| 100 | Pl2 BPSK | 1 | 137 | | 17.86 | | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 1 | 271 | | 17.65 | | | |
| 100 | Pl2 BPSK | 135 | 0 | | 17.86 | | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 69 | | 17.91 | | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 135 | 138 | | 17.86 | | 19.0 | 0.0 |
| 100 | Pl2 BPSK | 270 | 0 | | 17.51 | | | |
| 100 | QPSK | 1 | 1 | | 17.23 | | | |
| 100 | QPSK | 1 | 137 | | 17.85 | | 19.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 17.24 | | | |
| 100 | QPSK | 135 | 0 | | 17.65 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.62 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 17.88 | | 19.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 17.68 | | | |
| 100 | 16QAM | 1 | 1 | | 17.38 | | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.15 | | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 17.40 | | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 17.80 | 17.74 | 17.85 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 17.74 | 17.67 | 17.79 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 17.76 | 17.65 | 17.81 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 17.78 | 17.68 | 17.80 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 17.76 | 17.73 | 17.86 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 17.78 | 17.76 | 17.78 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 17.73 | 17.75 | 17.78 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 17.80 | 17.73 | 17.81 | 19.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 17.71 | 17.69 | 17.80 | 19.0 | 0.0 |



Part270 n77 PC2&3 Ant7 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.14 | 20.27 | 20.15 | | |
| 100 | PI/2 BPSK | 1 | 137 | 20.84 | 20.88 | 20.73 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 20.22 | 20.14 | 20.13 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.08 | 20.30 | 20.11 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.85 | 21.04 | 20.73 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.22 | 20.22 | 20.20 | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 20.26 | 20.23 | 20.12 | | |
| 100 | QPSK | 1 | 1 | 20.19 | 20.32 | 20.02 | | |
| 100 | QPSK | 1 | 137 | 20.91 | 21.10 | 20.77 | 22.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 20.26 | 20.28 | 20.23 | | |
| 100 | QPSK | 135 | 0 | 20.14 | 20.25 | 20.11 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.80 | 20.69 | 20.63 | 22.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.21 | 20.21 | 20.19 | 22.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 20.50 | 20.94 | 20.72 | | |
| 100 | 16QAM | 1 | 1 | 20.88 | 20.88 | 20.72 | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.79 | 20.93 | 20.77 | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.87 | 20.89 | 20.77 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 20.88 | 20.88 | 20.76 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 656000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 20.90 | 20.93 | 20.73 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 655000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 20.84 | 20.90 | 20.72 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 655000 | 653668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 20.90 | 20.95 | 20.82 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 655000 | 654000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 20.91 | 20.99 | 20.72 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 20.85 | 20.92 | 20.79 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 655000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 20.82 | 20.99 | 20.79 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 655000 | 654834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 20.90 | 20.94 | 20.76 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 655000 | 655000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 20.81 | 20.98 | 20.74 | 22.0 | 0.0 |

Part270 n78 PC2&3 Ant7 DSI6

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 655000 | Power High Ch. / Freq. 659000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.17 | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 20.95 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | | 20.11 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.28 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.94 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.19 | | | |
| 100 | QPSK | 1 | 1 | | 20.19 | | | |
| 100 | QPSK | 1 | 137 | | 21.07 | | 22.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 20.14 | | | |
| 100 | QPSK | 135 | 0 | | 20.13 | | 22.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.86 | | 22.0 | 0.0 |
| 100 | QPSK | 135 | 138 | | 20.15 | | 22.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 20.97 | | | |
| 100 | 16QAM | 1 | 1 | | 20.81 | | 22.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 20.89 | | 22.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 20.67 | | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 655000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| 90 | QPSK | 1 | 123 | 20.75 | 20.77 | 20.89 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| 80 | QPSK | 1 | 109 | 20.73 | 20.79 | 20.70 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| 60 | QPSK | 1 | 81 | 20.84 | 20.80 | 20.88 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| 50 | QPSK | 1 | 67 | 20.85 | 20.83 | 20.73 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| 40 | QPSK | 1 | 53 | 20.85 | 20.83 | 20.84 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | Tune-up limit (dBm) | MPR (dB) |
| 30 | QPSK | 1 | 39 | 20.82 | 20.75 | 20.84 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| 20 | QPSK | 1 | 26 | 20.77 | 20.85 | 20.70 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 19 | 20.84 | 20.77 | 20.70 | 22.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| 10 | QPSK | 1 | 12 | 20.86 | 20.84 | 20.67 | 22.0 | 0.0 |



Reduced Power Mode for DSI7

| n2 Ant0 DSI7 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 372000 | 376000 | 380000 | | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | | |
| 20 | PI2 BPSK | 1 | 1 | 14.50 | 14.60 | 14.52 | | | |
| 20 | PI2 BPSK | 1 | 53 | 14.38 | 14.50 | 14.43 | 16.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 14.34 | 14.48 | 14.28 | | | |
| 20 | PI2 BPSK | 50 | 0 | 14.27 | 14.35 | 14.27 | 16.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 28 | 14.42 | 14.51 | 14.44 | 16.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 14.45 | 14.45 | 14.40 | 16.0 | 0.0 | |
| 20 | PI2 BPSK | 100 | 0 | 14.50 | 14.46 | 14.48 | | | |
| 20 | QPSK | 1 | 1 | 14.56 | 14.69 | 14.51 | | | |
| 20 | QPSK | 1 | 53 | 14.44 | 14.54 | 14.47 | 16.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 14.38 | 14.48 | 14.34 | | | |
| 20 | QPSK | 50 | 0 | 14.28 | 14.46 | 14.25 | 16.0 | 0.0 | |
| 20 | QPSK | 50 | 28 | 14.52 | 14.64 | 14.52 | 16.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 14.38 | 14.57 | 14.38 | | | |
| 20 | QPSK | 100 | 0 | 14.48 | 14.60 | 14.55 | | | |
| 20 | 16QAM | 1 | 1 | 14.08 | 14.27 | 14.13 | 16.0 | 0.0 | |
| 20 | 64QAM | 1 | 1 | 14.09 | 14.14 | 14.08 | 16.0 | 0.0 | |
| 20 | 256QAM | 1 | 1 | 14.10 | 14.20 | 14.05 | 16.0 | 0.0 | |
| Channel | | | | 371500 | 376000 | 380500 | | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | | |
| 15 | QPSK | 1 | 1 | 14.43 | 14.64 | 14.39 | 16.0 | 0.0 | |
| Channel | | | | 371000 | 376000 | 381000 | | | |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | | |
| 10 | QPSK | 1 | 1 | 14.51 | 14.56 | 14.48 | 16.0 | 0.0 | |
| Channel | | | | 370500 | 376000 | 381500 | | | |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | | |
| 5 | QPSK | 1 | 1 | 14.48 | 14.59 | 14.45 | 16.0 | 0.0 | |

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 166900 | 167300 | 167700 | | | |
| Frequency (MHz) | | | | 834.5 | 836.5 | 838.5 | | | |
| 20 | PI2 BPSK | 1 | 1 | 22.72 | 22.87 | 22.80 | | | |
| 20 | PI2 BPSK | 1 | 53 | 22.79 | 22.91 | 22.79 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 1 | 104 | 22.88 | 22.95 | 22.86 | | | |
| 20 | PI2 BPSK | 50 | 0 | 22.22 | 22.36 | 22.19 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 50 | 28 | 22.78 | 22.91 | 22.86 | 24.0 | 0.0 | |
| 20 | PI2 BPSK | 50 | 56 | 22.38 | 22.42 | 22.29 | 23.5 | 0.5 | |
| 20 | PI2 BPSK | 100 | 0 | 22.28 | 22.38 | 22.24 | | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.96 | 22.90 | | | |
| 20 | QPSK | 1 | 53 | 22.80 | 22.92 | 22.78 | 24.0 | 0.0 | |
| 20 | QPSK | 1 | 104 | 22.90 | 22.88 | 22.81 | | | |
| 20 | QPSK | 50 | 0 | 21.77 | 21.81 | 21.65 | 23.0 | 1.0 | |
| 20 | QPSK | 50 | 28 | 22.82 | 22.92 | 22.84 | 24.0 | 0.0 | |
| 20 | QPSK | 50 | 56 | 21.78 | 21.80 | 21.72 | 23.0 | 1.0 | |
| 20 | QPSK | 100 | 0 | 21.68 | 21.83 | 21.78 | | | |
| 20 | 16QAM | 1 | 1 | 21.56 | 21.61 | 21.52 | 23.0 | 1.0 | |
| 20 | 64QAM | 1 | 1 | 20.14 | 20.22 | 20.12 | 21.5 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 18.51 | 18.55 | 18.42 | 19.5 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | | | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | | |
| 15 | QPSK | 1 | 1 | 22.78 | 22.81 | 22.88 | 24.0 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.74 | 24.0 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 1 | 22.72 | 22.83 | 22.85 | 24.0 | 0.0 | |

| n7 Ant0 DSI7 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 505000 | 507000 | 509000 | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | | |
| 50 | PI2 BPSK | 1 | 1 | 18.99 | 18.06 | 18.02 | | | |
| 50 | PI2 BPSK | 1 | 135 | 18.84 | 18.97 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 1 | 268 | 18.82 | 18.87 | 18.85 | | | |
| 50 | PI2 BPSK | 135 | 0 | 18.74 | 18.92 | 18.84 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 68 | 18.93 | 19.08 | 18.91 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 135 | 135 | 18.92 | 18.95 | 18.89 | 20.0 | 0.0 | |
| 50 | PI2 BPSK | 270 | 0 | 18.95 | 19.02 | 19.02 | | | |
| 50 | QPSK | 1 | 1 | 19.11 | 19.13 | 19.04 | | | |
| 50 | QPSK | 1 | 135 | 19.00 | 19.07 | 18.92 | 20.0 | 0.0 | |
| 50 | QPSK | 1 | 268 | 18.90 | 19.01 | 18.85 | | | |
| 50 | QPSK | 135 | 0 | 18.79 | 18.96 | 18.77 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 68 | 19.07 | 19.12 | 19.11 | 20.0 | 0.0 | |
| 50 | QPSK | 135 | 135 | 18.91 | 19.00 | 18.85 | 20.0 | 0.0 | |
| 50 | QPSK | 270 | 0 | 18.90 | 19.08 | 19.07 | | | |
| 50 | 16QAM | 1 | 1 | 18.83 | 18.79 | 18.87 | 20.0 | 0.0 | |
| 50 | 64QAM | 1 | 1 | 18.58 | 18.65 | 18.56 | 20.0 | 0.0 | |
| 50 | 256QAM | 1 | 1 | 18.80 | 18.84 | 18.77 | 19.5 | 0.5 | |
| Channel | | | | 504000 | 507000 | 510000 | | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | | |
| 40 | QPSK | 1 | 1 | 18.97 | 19.06 | 18.90 | 20.0 | 0.0 | |
| Channel | | | | 503000 | 507000 | 511000 | | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | | |
| 30 | QPSK | 1 | 1 | 19.08 | 19.04 | 18.99 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 515500 | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2557.5 | | | |
| 25 | QPSK | 1 | 1 | 19.01 | 19.05 | 18.92 | 20.0 | 0.0 | |
| Channel | | | | 502000 | 507000 | 512000 | | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | | |
| 20 | PI2 BPSK | 1 | 1 | 19.04 | 19.10 | 18.92 | 20.0 | 0.0 | |
| Channel | | | | 501500 | 507000 | 512500 | | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | | |
| 15 | QPSK | 1 | 1 | 19.02 | 19.06 | 18.97 | 20.0 | 0.0 | |
| Channel | | | | 501000 | 507000 | 513000 | | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | | |
| 10 | QPSK | 1 | 1 | 18.98 | 19.00 | 18.89 | 20.0 | 0.0 | |
| Channel | | | | 500000 | 507000 | 513500 | | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | | |
| 5 | QPSK | 1 | 1 | 19.02 | 19.08 | 19.00 | 20.0 | 0.0 | |



| n66 Ant0 DSI7 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 349000 | 349000 | 350000 | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.32 | 15.39 | 15.27 | | | |
| 40 | PI/2 BPSK | 1 | 108 | 15.25 | 15.28 | 15.14 | 17.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 214 | 15.22 | 15.17 | 15.08 | | | |
| 40 | PI/2 BPSK | 108 | 0 | 15.04 | 15.17 | 15.12 | 17.0 | 0.0 | |
| 40 | PI/2 BPSK | 108 | 54 | 15.25 | 15.30 | 15.20 | 17.0 | 0.0 | |
| 40 | PI/2 BPSK | 108 | 108 | 15.25 | 15.28 | 15.20 | | | |
| 40 | PI/2 BPSK | 216 | 0 | 15.24 | 15.33 | 15.27 | 17.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.43 | 15.51 | 15.30 | | | |
| 40 | QPSK | 1 | 108 | 15.30 | 15.34 | 15.32 | 17.0 | 0.0 | |
| 40 | QPSK | 1 | 214 | 15.12 | 15.25 | 15.08 | | | |
| 40 | QPSK | 108 | 0 | 15.13 | 15.17 | 15.05 | 17.0 | 0.0 | |
| 40 | QPSK | 108 | 54 | 15.31 | 15.43 | 15.37 | 17.0 | 0.0 | |
| 40 | QPSK | 108 | 108 | 15.22 | 15.32 | 15.19 | | | |
| 40 | QPSK | 216 | 0 | 15.25 | 15.36 | 15.36 | 17.0 | 0.0 | |
| 40 | 16QAM | 1 | 1 | 15.11 | 15.20 | 15.11 | 17.0 | 0.0 | |
| 40 | 64QAM | 1 | 1 | 15.09 | 15.15 | 15.06 | 17.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 15.18 | 15.24 | 15.10 | 17.0 | 0.0 | |
| Channel | | | | 345000 | 349000 | 353000 | | | |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | | |
| 30 | QPSK | 1 | 1 | 15.37 | 15.39 | 15.26 | 17.0 | 0.0 | |
| Channel | | | | 344500 | 349000 | 353500 | | | |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | | |
| 25 | QPSK | 1 | 1 | 15.33 | 15.38 | 15.22 | 17.0 | 0.0 | |
| Channel | | | | 340000 | 349000 | 354000 | | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | | |
| 20 | QPSK | 1 | 1 | 15.34 | 15.48 | 15.25 | 17.0 | 0.0 | |
| Channel | | | | 343500 | 349000 | 354500 | | | |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | | |
| 15 | QPSK | 1 | 1 | 15.35 | 15.42 | 15.15 | 17.0 | 0.0 | |
| Channel | | | | 349000 | 349000 | 355000 | | | |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | | |
| 10 | QPSK | 1 | 1 | 15.28 | 15.47 | 15.21 | 17.0 | 0.0 | |
| Channel | | | | 342500 | 349000 | 355500 | | | |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | | |
| 5 | QPSK | 1 | 1 | 15.39 | 15.41 | 15.26 | 17.0 | 0.0 | |



| n38 Ant0 DS17 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 519304 | 519300 | 519396 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.15 | 17.27 | 17.24 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 17.68 | 17.71 | 17.57 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 17.26 | 17.32 | 17.28 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.44 | 17.52 | 17.46 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 17.89 | 17.74 | 17.62 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 17.50 | 17.61 | 17.53 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 17.54 | 17.65 | 17.57 | | | |
| 40 | QPSK | 1 | 1 | 17.25 | 17.33 | 17.28 | | | |
| 40 | QPSK | 1 | 53 | 17.74 | 17.79 | 17.71 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 17.23 | 17.28 | 17.17 | | | |
| 40 | QPSK | 50 | 0 | 17.52 | 17.61 | 17.50 | 19.0 | 0.0 | |
| 40 | QPSK | 50 | 28 | 17.62 | 17.78 | 17.67 | 19.0 | 0.0 | |
| 40 | QPSK | 80 | 56 | 17.45 | 17.59 | 17.52 | 19.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 17.61 | 17.65 | 17.58 | | | |
| 40 | 16QAM | 1 | 1 | 17.17 | 17.31 | 17.25 | 19.0 | 0.0 | |
| 40 | 16QAM | 1 | 1 | 17.22 | 17.27 | 17.17 | 19.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 17.19 | 17.24 | 17.14 | 19.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.91 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 39 | 17.64 | 17.74 | 17.68 | 19.0 | 0.0 | |
| Channel | | | | 516504 | 519000 | 521498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2592.52 | 2595 | 2607.48 | | | |
| 25 | QPSK | 1 | 32 | 17.64 | 17.71 | 17.63 | 19.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 26 | 17.69 | 17.70 | 17.58 | 19.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 19 | 17.68 | 17.73 | 17.62 | 19.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 12 | 17.62 | 17.67 | 17.56 | 19.0 | 0.0 | |

| n41 PC3 Ant0 DS17 | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 526202 | 518598 | 529200 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.11 | 17.14 | 17.06 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.85 | 17.83 | 17.88 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.24 | 17.19 | 17.15 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.70 | 17.83 | 17.77 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | 17.90 | 17.76 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.66 | 17.76 | 17.70 | 19.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.72 | 17.81 | 17.67 | | | |
| 100 | QPSK | 1 | 1 | 17.16 | 17.28 | 17.24 | | | |
| 100 | QPSK | 1 | 137 | 17.93 | 17.97 | 17.88 | 19.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.11 | 17.22 | 17.09 | | | |
| 100 | QPSK | 135 | 0 | 17.72 | 17.89 | 17.86 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.79 | 17.92 | 17.85 | 19.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.77 | 17.84 | 17.80 | 19.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.81 | 17.88 | 17.78 | | | |
| 100 | 16QAM | 1 | 1 | 17.67 | 17.75 | 17.61 | 19.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.62 | 17.69 | 17.60 | 19.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.53 | 17.61 | 17.58 | 19.0 | 0.0 | |
| Channel | | | | 500200 | 518598 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 123 | 17.80 | 17.87 | 17.82 | 19.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.62 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 109 | 17.85 | 17.81 | 17.79 | 19.0 | 0.0 | |
| Channel | | | | 502000 | 518598 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 81 | 17.83 | 17.86 | 17.78 | 19.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.69 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 67 | 17.89 | 17.90 | 17.75 | 19.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 53 | 17.76 | 17.84 | 17.76 | 19.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 39 | 17.86 | 17.92 | 17.80 | 19.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 536998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.62 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 26 | 17.84 | 17.87 | 17.72 | 19.0 | 0.0 | |
| Channel | | | | 500700 | 518598 | 538498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | | |
| 15 | QPSK | 1 | 19 | 17.82 | 17.88 | 17.75 | 19.0 | 0.0 | |
| Channel | | | | 500202 | 518598 | 537000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2501.61 | 2592.99 | 2685 | | | |
| 10 | QPSK | 1 | 12 | 17.82 | 17.89 | 17.73 | 19.0 | 0.0 | |



n2 Ant1 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | PI2 BPSK | 1 | 1 | 16.75 | 16.78 | 16.66 | | |
| 20 | PI2 BPSK | 1 | 53 | 16.67 | 16.69 | 16.55 | 17.5 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 16.54 | 16.61 | 16.46 | | |
| 20 | PI2 BPSK | 50 | 0 | 16.45 | 16.59 | 16.51 | 17.5 | 0.0 |
| 20 | PI2 BPSK | 50 | 28 | 16.60 | 16.71 | 16.59 | 17.5 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 16.67 | 16.72 | 16.61 | 17.5 | 0.0 |
| 20 | PI2 BPSK | 100 | 0 | 16.66 | 16.75 | 16.65 | | |
| 20 | QPSK | 1 | 1 | 16.79 | 16.83 | 16.71 | | |
| 20 | QPSK | 1 | 53 | 16.66 | 16.82 | 16.70 | 17.5 | 0.0 |
| 20 | QPSK | 1 | 104 | 16.62 | 16.71 | 16.53 | | |
| 20 | QPSK | 50 | 0 | 16.47 | 16.63 | 16.51 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.71 | 16.81 | 16.68 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 58 | 16.64 | 16.77 | 16.66 | | |
| 20 | QPSK | 100 | 0 | 16.56 | 16.75 | 16.67 | 17.5 | 0.0 |
| 20 | 16QAM | 1 | 1 | 16.32 | 16.36 | 16.36 | 17.5 | 0.0 |
| 20 | 16QAM | 1 | 1 | 16.26 | 16.39 | 16.36 | 17.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.38 | 16.41 | 16.26 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 37000 | 37600 | 38000 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 16.78 | 16.75 | 16.56 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 371000 | 376000 | 381000 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 16.73 | 16.79 | 16.67 | 17.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 375500 | 376000 | 381500 | Tune-up limit (dB) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 16.77 | 16.77 | 16.64 | 17.5 | 0.0 |

n5 Ant1 Default

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI2 BPSK | 1 | 1 | 23.30 | 23.37 | 23.24 | | |
| 20 | PI2 BPSK | 1 | 53 | 23.30 | 23.42 | 23.40 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 1 | 104 | 23.24 | 23.39 | 23.27 | | |
| 20 | PI2 BPSK | 50 | 0 | 22.68 | 22.84 | 22.80 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 50 | 28 | 23.30 | 23.40 | 23.34 | 24.0 | 0.0 |
| 20 | PI2 BPSK | 50 | 58 | 22.77 | 22.90 | 22.78 | 23.5 | 0.5 |
| 20 | PI2 BPSK | 100 | 0 | 22.77 | 22.88 | 22.73 | | |
| 20 | QPSK | 1 | 1 | 23.33 | 23.45 | 23.37 | | |
| 20 | QPSK | 1 | 53 | 23.32 | 23.39 | 23.27 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 104 | 23.14 | 23.30 | 23.26 | | |
| 20 | QPSK | 50 | 0 | 22.32 | 22.34 | 22.31 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 23.36 | 23.41 | 23.33 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 58 | 22.26 | 22.39 | 22.33 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 22.17 | 22.31 | 22.23 | | |
| 20 | 16QAM | 1 | 1 | 22.14 | 22.16 | 22.02 | 23.0 | 1.0 |
| 20 | 16QAM | 1 | 1 | 20.55 | 20.64 | 20.51 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 19.12 | 19.15 | 19.10 | 19.5 | 4.5 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 168500 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 23.27 | 23.40 | 23.24 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 168800 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 23.30 | 23.36 | 23.21 | 24.0 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 165300 | 167000 | 169300 | Tune-up limit (dB) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 23.18 | 23.31 | 23.26 | 24.0 | 0.0 |

n7 Ant1 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2525 | 2535 | 2545 | | |
| 50 | PI2 BPSK | 1 | 1 | 15.83 | 15.68 | 15.67 | | |
| 50 | PI2 BPSK | 1 | 135 | 15.54 | 15.59 | 15.41 | 16.5 | 0.0 |
| 50 | PI2 BPSK | 1 | 268 | 15.56 | 15.62 | 15.50 | | |
| 50 | PI2 BPSK | 135 | 0 | 15.31 | 15.55 | 15.46 | 16.5 | 0.0 |
| 50 | PI2 BPSK | 135 | 68 | 15.52 | 15.55 | 15.54 | 16.5 | 0.0 |
| 50 | PI2 BPSK | 135 | 135 | 15.54 | 15.56 | 15.59 | 16.5 | 0.0 |
| 50 | PI2 BPSK | 270 | 0 | 15.54 | 15.68 | 15.52 | | |
| 50 | QPSK | 1 | 1 | 15.74 | 15.79 | 15.71 | | |
| 50 | QPSK | 1 | 135 | 15.57 | 15.67 | 15.62 | 16.5 | 0.0 |
| 50 | QPSK | 1 | 268 | 15.40 | 15.48 | 15.43 | | |
| 50 | QPSK | 135 | 0 | 15.39 | 15.56 | 15.32 | 16.5 | 0.0 |
| 50 | QPSK | 135 | 68 | 15.65 | 15.69 | 15.60 | 16.5 | 0.0 |
| 50 | QPSK | 135 | 135 | 15.52 | 15.61 | 15.54 | 16.5 | 0.0 |
| 50 | QPSK | 270 | 0 | 15.58 | 15.63 | 15.51 | | |
| 50 | 16QAM | 1 | 1 | 15.25 | 15.23 | 15.27 | 16.5 | 0.0 |
| 50 | 16QAM | 1 | 1 | 15.18 | 15.30 | 15.14 | 16.5 | 0.0 |
| 50 | 256QAM | 1 | 1 | 15.27 | 15.24 | 15.19 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | Tune-up limit (dB) | MPR (dB) |
| 40 | QPSK | 1 | 1 | 15.69 | 15.63 | 15.56 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 503000 | 507000 | 511000 | Tune-up limit (dB) | MPR (dB) |
| 30 | QPSK | 1 | 1 | 15.65 | 15.62 | 15.50 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502500 | 507000 | 511500 | Tune-up limit (dB) | MPR (dB) |
| 25 | QPSK | 1 | 1 | 15.58 | 15.65 | 15.60 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 502000 | 507000 | 512000 | Tune-up limit (dB) | MPR (dB) |
| 20 | PI2 BPSK | 1 | 1 | 15.67 | 15.61 | 15.54 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501500 | 507000 | 512500 | Tune-up limit (dB) | MPR (dB) |
| 15 | QPSK | 1 | 1 | 2507.5 | 2535 | 2562.5 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 501000 | 507000 | 513000 | Tune-up limit (dB) | MPR (dB) |
| 10 | QPSK | 1 | 1 | 15.63 | 15.64 | 15.60 | 16.5 | 0.0 |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | 500500 | 507000 | 513500 | Tune-up limit (dB) | MPR (dB) |
| 5 | QPSK | 1 | 1 | 15.59 | 15.69 | 15.63 | 16.5 | 0.0 |



n66 Ant1 DSI7

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 349000 | Power Middle Ch. / Freq. 349000 | Power High Ch. / Freq. 350000 | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| Channel | | | | 1730 | 1745 | 1760 | | |
| Frequency (MHz) | | | | | | | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.23 | 17.40 | 17.24 | | |
| 40 | PI/2 BPSK | 1 | 108 | 17.26 | 17.22 | 17.09 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 17.15 | 17.23 | 17.15 | | |
| 40 | PI/2 BPSK | 108 | 0 | 17.00 | 17.07 | 17.09 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 17.21 | 17.38 | 17.12 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 17.23 | 17.23 | 17.29 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 17.28 | 17.29 | 17.27 | | |
| 40 | QPSK | 1 | 1 | 17.42 | 17.61 | 17.33 | | |
| 40 | QPSK | 1 | 108 | 17.19 | 17.35 | 17.24 | 18.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 17.17 | 17.26 | 17.12 | | |
| 40 | QPSK | 108 | 0 | 17.10 | 17.14 | 17.12 | 18.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 17.34 | 17.48 | 17.36 | 18.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 17.23 | 17.38 | 17.27 | | |
| 40 | QPSK | 216 | 0 | 17.21 | 17.33 | 17.26 | 18.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 16.88 | 16.98 | 17.00 | 18.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 16.85 | 16.96 | 16.93 | 18.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.81 | 16.94 | 16.89 | 18.5 | 0.0 |
| Channel | | | | 345000 | 345000 | 350000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 17.24 | 17.44 | 17.15 | 18.5 | 0.0 |
| Channel | | | | 344500 | 349000 | 353500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1722.5 | 1745 | 1767.5 | | |
| 25 | QPSK | 1 | 1 | 17.24 | 17.44 | 17.11 | 18.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 17.36 | 17.40 | 17.10 | 18.5 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 17.33 | 17.37 | 17.18 | 18.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 17.31 | 17.39 | 17.15 | 18.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 17.28 | 17.43 | 17.15 | 18.5 | 0.0 |



| n38 Ant1 DS17 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 2590.02 | 2595 | 2599.98 | | |
| Frequency (MHz) | | | | 519004 | 519050 | 519096 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.12 | 15.22 | 15.17 | | |
| 40 | PI/2 BPSK | 1 | 53 | 15.48 | 15.59 | 15.45 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 15.00 | 15.07 | 15.10 | | |
| 40 | PI/2 BPSK | 50 | 0 | 15.41 | 15.53 | 15.44 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 15.49 | 15.54 | 15.47 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 15.26 | 15.30 | 15.25 | 16.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 15.39 | 15.41 | 15.29 | | |
| 40 | QPSK | 1 | 1 | 15.18 | 15.31 | 15.22 | | |
| 40 | QPSK | 1 | 53 | 15.58 | 15.63 | 15.57 | 16.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 14.98 | 15.00 | 14.94 | | |
| 40 | QPSK | 50 | 0 | 15.43 | 15.63 | 15.41 | 16.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 15.45 | 15.63 | 15.56 | 16.5 | 0.0 |
| 40 | QPSK | 80 | 56 | 15.24 | 15.30 | 15.15 | 16.5 | 0.0 |
| 40 | QPSK | 100 | 0 | 15.38 | 15.51 | 15.30 | 16.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.11 | 15.18 | 15.04 | 16.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 15.00 | 15.08 | 15.08 | 16.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 14.87 | 14.99 | 14.89 | 16.5 | 0.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 39 | 15.47 | 15.54 | 15.53 | 16.5 | 0.0 |
| Channel | | | | 516504 | 519000 | 521496 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2592.52 | 2595 | 2607.48 | | |
| 25 | QPSK | 1 | 32 | 15.40 | 15.57 | 15.53 | 16.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 26 | 15.49 | 15.58 | 15.50 | 16.5 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2614.99 | | |
| 15 | QPSK | 1 | 19 | 15.47 | 15.58 | 15.53 | 16.5 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 12 | 15.46 | 15.63 | 15.51 | 16.5 | 0.0 |

| n41 PC3 Ant1 DS17 | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 2546.01 | 2592.99 | 2640 | | |
| Frequency (MHz) | | | | 5092.00 | 5185.98 | 5280.00 | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.00 | 15.14 | 15.02 | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.60 | 15.72 | 15.60 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 14.88 | 14.80 | 14.88 | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.45 | 15.61 | 15.55 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 15.57 | 15.61 | 15.56 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 15.29 | 15.38 | 15.28 | 16.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 15.51 | 15.50 | 15.41 | | |
| 100 | QPSK | 1 | 1 | 15.05 | 15.23 | 15.11 | | |
| 100 | QPSK | 1 | 137 | 15.74 | 15.83 | 15.70 | 16.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 14.84 | 14.87 | 14.73 | | |
| 100 | QPSK | 135 | 0 | 15.55 | 15.64 | 15.41 | 16.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 15.58 | 15.68 | 15.63 | 16.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.20 | 15.34 | 15.22 | 16.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 15.30 | 15.53 | 15.35 | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.93 | 15.04 | 14.97 | 16.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 14.80 | 14.96 | 14.87 | 16.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.86 | 14.81 | 14.78 | 16.5 | 0.0 |
| Channel | | | | 508200 | 5185.98 | 5283.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 123 | 15.74 | 15.73 | 15.64 | 16.5 | 0.0 |
| Channel | | | | 507204 | 5185.98 | 5293.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2648.99 | | |
| 80 | QPSK | 1 | 109 | 15.71 | 15.72 | 15.65 | 16.5 | 0.0 |
| Channel | | | | 506200 | 5185.98 | 5319.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 81 | 15.73 | 15.74 | 15.61 | 16.5 | 0.0 |
| Channel | | | | 504204 | 5185.98 | 5329.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511.09 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 67 | 15.73 | 15.72 | 15.68 | 16.5 | 0.0 |
| Channel | | | | 503202 | 5185.98 | 5340.00 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 53 | 15.74 | 15.74 | 15.62 | 16.5 | 0.0 |
| Channel | | | | 502200 | 5185.98 | 5353.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 39 | 15.72 | 15.70 | 15.64 | 16.5 | 0.0 |
| Channel | | | | 501204 | 5185.98 | 5359.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 26 | 15.76 | 15.75 | 15.70 | 16.5 | 0.0 |
| Channel | | | | 500700 | 5185.98 | 5364.98 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2592.99 | 2682.48 | | |
| 15 | QPSK | 1 | 19 | 15.67 | 15.76 | 15.68 | 16.5 | 0.0 |
| Channel | | | | 500202 | 5185.98 | 5370.00 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2491.01 | 2592.99 | 2685 | | |
| 10 | QPSK | 1 | 12 | 15.68 | 15.73 | 15.66 | 16.5 | 0.0 |



| Part270 n77 PC2&3 Ant2 DSI7 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 65000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI2 BPSK | 1 | 1 | 13.63 | 13.52 | 13.45 | | | |
| 100 | PI2 BPSK | 1 | 137 | 13.72 | 14.09 | 13.82 | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | 13.39 | 13.69 | 13.62 | | | |
| 100 | PI2 BPSK | 135 | 0 | 13.44 | 13.47 | 13.51 | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | 14.09 | 14.25 | 13.82 | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | 13.82 | 14.28 | 13.95 | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | 13.48 | 13.53 | 13.32 | | | |
| 100 | QPSK | 1 | 1 | 13.26 | 13.27 | 13.32 | | | |
| 100 | QPSK | 1 | 137 | 14.03 | 14.29 | 14.10 | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 13.66 | 13.47 | 13.41 | | | |
| 100 | QPSK | 135 | 0 | 13.89 | 14.08 | 13.77 | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 13.88 | 14.22 | 14.16 | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 13.90 | 13.88 | 13.94 | 15.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 13.96 | 13.98 | 13.96 | | | |
| 100 | 16QAM | 1 | 1 | 13.99 | 14.08 | 14.01 | 15.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 13.98 | 14.05 | 13.90 | 15.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 13.75 | 13.75 | 13.86 | 15.0 | 0.0 | |
| Channel | | | | 64998 | 65000 | 65034 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 13.77 | 14.02 | 13.80 | 15.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 13.72 | 13.89 | 13.53 | 15.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 81 | 13.75 | 13.84 | 13.89 | 15.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 13.80 | 13.98 | 13.89 | 15.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 13.70 | 13.95 | 13.83 | 15.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 654334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 13.68 | 14.05 | 13.78 | 15.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 13.70 | 14.00 | 13.81 | 15.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654934 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 13.79 | 14.03 | 13.90 | 15.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 13.71 | 13.98 | 13.82 | 15.0 | 0.0 | |

| Part270 n78 PC2&3 Ant2 DSI7 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 65000 | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | | |
| 100 | PI2 BPSK | 1 | 1 | | 13.14 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 13.71 | | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 13.84 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 13.11 | | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 13.84 | | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 13.64 | | 15.0 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 13.08 | | | | |
| 100 | QPSK | 1 | 1 | | 13.11 | | | | |
| 100 | QPSK | 1 | 137 | | 13.98 | | 15.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 13.26 | | | | |
| 100 | QPSK | 135 | 0 | | 13.87 | | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 13.85 | | 15.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 13.72 | | 15.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 13.75 | | | | |
| 100 | 16QAM | 1 | 1 | | 13.73 | | 15.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 13.71 | | 15.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 13.54 | | 15.0 | 0.0 | |
| Channel | | | | 64998 | 65000 | 65034 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 13.73 | 13.80 | 13.84 | 15.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | | | |
| 80 | QPSK | 1 | 109 | 13.72 | 13.89 | 13.79 | 15.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 13.77 | 13.85 | 13.86 | 15.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 13.79 | 13.88 | 13.78 | 15.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 13.76 | 13.85 | 13.85 | 15.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 13.67 | 13.79 | 13.87 | 15.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 13.72 | 13.85 | 13.89 | 15.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652934 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 13.71 | 13.89 | 13.79 | 15.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 13.70 | 13.82 | 13.85 | 15.0 | 0.0 | |



| Part270 n77 PC2&3 Ant4 DSI7 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3840 | 3930 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | Pl2 BPSK | 1 | 1 | 15.50 | 15.60 | 15.37 | | | |
| 100 | Pl2 BPSK | 1 | 137 | 18.21 | 18.32 | 18.02 | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 1 | 271 | 15.38 | 15.64 | 15.40 | | | |
| 100 | Pl2 BPSK | 135 | 0 | 15.41 | 15.47 | 15.37 | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 69 | 18.29 | 18.23 | 18.09 | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 138 | 15.45 | 15.60 | 15.53 | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 270 | 0 | 18.25 | 18.33 | 18.20 | | | |
| 100 | QPSK | 1 | 1 | 15.51 | 15.58 | 15.45 | | | |
| 100 | QPSK | 1 | 137 | 18.33 | 18.43 | 18.16 | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.57 | 15.80 | 15.60 | | | |
| 100 | QPSK | 135 | 0 | 15.28 | 15.43 | 15.38 | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.23 | 18.30 | 18.11 | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.45 | 15.69 | 15.58 | 17.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.03 | 18.25 | 18.04 | | | |
| 100 | 16QAM | 1 | 1 | 15.47 | 15.56 | 15.46 | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.19 | 15.50 | 15.23 | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.17 | 15.32 | 15.25 | 17.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 123 | 18.33 | 18.36 | 18.19 | 17.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 109 | 18.23 | 18.24 | 18.19 | 17.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3960.01 | | | |
| 60 | QPSK | 1 | 81 | 18.41 | 18.29 | 18.12 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 67 | 18.35 | 18.38 | 18.19 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 53 | 18.34 | 18.25 | 18.22 | 17.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 39 | 18.41 | 18.28 | 18.17 | 17.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 26 | 18.24 | 18.32 | 18.12 | 17.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 19 | 18.40 | 18.27 | 18.19 | 17.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 12 | 18.34 | 18.28 | 18.16 | 17.0 | 0.0 | |

| Part270 n78 PC2&3 Ant4 DSI7 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|---------------------|------------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Middle Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | 3750 | 3760 | 3760 | | | |
| 100 | Pl2 BPSK | 1 | 1 | | 15.41 | | | | |
| 100 | Pl2 BPSK | 1 | 137 | | 18.17 | | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 1 | 271 | | 15.38 | | | | |
| 100 | Pl2 BPSK | 135 | 0 | | 15.30 | | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 69 | | 18.14 | | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 135 | 138 | | 15.59 | | 17.0 | 0.0 | |
| 100 | Pl2 BPSK | 270 | 0 | | 15.77 | | | | |
| 100 | QPSK | 1 | 1 | | 15.37 | | | | |
| 100 | QPSK | 1 | 137 | | 18.25 | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 15.55 | | | | |
| 100 | QPSK | 135 | 0 | | 15.38 | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 18.21 | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 15.41 | | 17.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 15.94 | | | | |
| 100 | 16QAM | 1 | 1 | | 15.32 | | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 15.28 | | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 15.40 | | 17.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | | |
| 90 | QPSK | 1 | 123 | 18.07 | 18.16 | 18.04 | 17.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | | | |
| 80 | QPSK | 1 | 109 | 18.12 | 18.12 | 18.01 | 17.0 | 0.0 | |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | | |
| 60 | QPSK | 1 | 81 | 18.12 | 18.14 | 18.05 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | | |
| 50 | QPSK | 1 | 67 | 18.12 | 18.12 | 18.01 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | | |
| 40 | QPSK | 1 | 53 | 18.10 | 18.18 | 18.00 | 17.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | | |
| 30 | QPSK | 1 | 39 | 18.16 | 18.18 | 18.02 | 17.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | | |
| 20 | QPSK | 1 | 26 | 18.07 | 18.12 | 18.09 | 17.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | | |
| 15 | QPSK | 1 | 19 | 18.17 | 18.10 | 18.05 | 17.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | | |
| 10 | QPSK | 1 | 12 | 18.14 | 18.14 | 18.03 | 17.0 | 0.0 | |



Part270 n77 PC2&3 Ant5 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| | | | | Low Ch. / Freq. 65000 | Middle Ch. / Freq. 65000 | High Ch. / Freq. 65000 | | |
| Channel | | | | 3750 | 3840 | 3930 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | 15.60 | 15.68 | 15.57 | | |
| 100 | PI2 BPSK | 1 | 137 | 16.09 | 16.19 | 16.08 | 17.5 | 0.0 |
| 100 | PI2 BPSK | 1 | 271 | 15.79 | 15.85 | 15.76 | | |
| 100 | PI2 BPSK | 135 | 0 | 15.94 | 16.03 | 15.87 | 17.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 69 | 16.30 | 16.44 | 16.20 | 17.5 | 0.0 |
| 100 | PI2 BPSK | 135 | 138 | 16.34 | 16.15 | 15.98 | 17.5 | 0.0 |
| 100 | PI2 BPSK | 270 | 0 | 15.67 | 15.84 | 15.93 | | |
| 100 | QPSK | 1 | 1 | 15.64 | 15.64 | 15.66 | | |
| 100 | QPSK | 1 | 137 | 16.31 | 16.49 | 16.23 | 17.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 15.68 | 15.78 | 15.77 | | |
| 100 | QPSK | 135 | 0 | 15.71 | 15.67 | 15.73 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 16.21 | 16.48 | 16.31 | 17.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 15.83 | 15.96 | 15.76 | 17.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 15.99 | 16.24 | 15.88 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.54 | 15.58 | 15.56 | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 15.56 | 15.58 | 15.51 | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 15.82 | 15.91 | 15.77 | 17.5 | 0.0 |
| Channel | | | | 649968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 16.16 | 16.41 | 16.07 | 17.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) |
| 80 | QPSK | 1 | 109 | 16.12 | 16.45 | 16.08 | 17.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 653334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) |
| 60 | QPSK | 1 | 81 | 16.19 | 16.42 | 16.15 | 17.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) |
| 50 | QPSK | 1 | 67 | 16.10 | 16.37 | 16.15 | 17.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) |
| 40 | QPSK | 1 | 53 | 16.12 | 16.35 | 16.16 | 17.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) |
| 30 | QPSK | 1 | 39 | 16.12 | 16.39 | 16.12 | 17.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) |
| 20 | QPSK | 1 | 26 | 16.10 | 16.41 | 16.08 | 17.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | (dBm) | (dB) |
| 15 | QPSK | 1 | 19 | 16.17 | 16.34 | 16.10 | 17.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) |
| 10 | QPSK | 1 | 12 | 16.11 | 16.43 | 16.15 | 17.5 | 0.0 |

Part270 n78 PC3&3 Ant5 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| | | | | Low Ch. / Freq. 65000 | Middle Ch. / Freq. 65000 | High Ch. / Freq. 65000 | | | |
| Channel | | | | 3750 | 3760 | 3760 | | | |
| Frequency (MHz) | | | | | | | | | |
| 100 | PI2 BPSK | 1 | 1 | | 15.81 | | | | |
| 100 | PI2 BPSK | 1 | 137 | | 16.34 | | 17.5 | 0.0 | |
| 100 | PI2 BPSK | 1 | 271 | | 16.08 | | | | |
| 100 | PI2 BPSK | 135 | 0 | | 16.38 | | 17.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 69 | | 16.38 | | 17.5 | 0.0 | |
| 100 | PI2 BPSK | 135 | 138 | | 16.42 | | 17.5 | 0.0 | |
| 100 | PI2 BPSK | 270 | 0 | | 16.00 | | | | |
| 100 | QPSK | 1 | 1 | | 15.70 | | | | |
| 100 | QPSK | 1 | 137 | | 16.45 | | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 15.71 | | | | |
| 100 | QPSK | 135 | 0 | | 16.39 | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 16.40 | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 16.28 | | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | | 16.39 | | 17.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 15.80 | | 17.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 15.67 | | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 15.86 | | 17.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 123 | | 16.30 | 16.21 | 16.37 | 17.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 109 | | 16.33 | 16.24 | 16.35 | 17.5 | 0.0 |
| Channel | | | | 649668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 81 | | 16.34 | 16.29 | 16.36 | 17.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 67 | | 16.27 | 16.23 | 16.39 | 17.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 53 | | 16.27 | 16.30 | 16.35 | 17.5 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 39 | | 16.34 | 16.22 | 16.41 | 17.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 26 | | 16.23 | 16.27 | 16.39 | 17.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 19 | | 16.35 | 16.27 | 16.31 | 17.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 12 | | 16.32 | 16.20 | 16.38 | 17.5 | 0.0 |



Part270 n77 PC2&3 Ant7 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 3750 | 3840 | 3930 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.15 | 18.31 | 18.14 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.86 | 19.01 | 18.78 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 18.23 | 18.11 | 18.12 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.08 | 18.32 | 18.08 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.87 | 18.99 | 18.73 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.18 | 18.23 | 18.21 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.19 | 18.25 | 18.18 | | |
| 100 | QPSK | 1 | 1 | 18.20 | 18.31 | 18.03 | | |
| 100 | QPSK | 1 | 137 | 18.84 | 19.10 | 18.76 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.22 | 18.29 | 18.20 | | |
| 100 | QPSK | 135 | 0 | 18.11 | 18.27 | 18.12 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.80 | 19.00 | 18.59 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.26 | 18.21 | 18.22 | | |
| 100 | QPSK | 270 | 0 | 18.84 | 18.98 | 18.71 | 20.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.84 | 18.92 | 18.75 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.73 | 18.90 | 18.83 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.87 | 18.89 | 18.76 | 20.0 | 0.0 |
| Channel | | | | 649968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 18.89 | 18.87 | 18.81 | 20.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 109 | 18.22 | 18.84 | 18.00 | 20.0 | 0.0 |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 81 | 18.88 | 18.87 | 18.76 | 20.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 653668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | |
| 50 | QPSK | 1 | 67 | 18.90 | 18.88 | 18.73 | 20.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 654000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 53 | 18.84 | 18.88 | 18.77 | 20.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 653334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 39 | 18.90 | 18.84 | 18.78 | 20.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 654668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | |
| 20 | QPSK | 1 | 26 | 18.20 | 18.91 | 18.79 | 20.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 654834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | |
| 15 | QPSK | 1 | 19 | 18.94 | 18.90 | 18.81 | 20.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 655000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 12 | 18.88 | 18.87 | 18.76 | 20.0 | 0.0 |

Part270 n78 PC2&3 Ant7 DSI7

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | | | | 3750 | 3760 | 3760 | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.14 | 18.14 | 18.14 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.89 | 18.89 | 18.89 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 18.12 | 18.12 | 18.12 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.29 | 18.29 | 18.29 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.95 | 18.95 | 18.95 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.15 | 18.15 | 18.15 | 20.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.16 | 18.16 | 18.16 | | |
| 100 | QPSK | 1 | 1 | 18.22 | 18.22 | 18.22 | | |
| 100 | QPSK | 1 | 137 | 19.05 | 19.05 | 19.05 | 20.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.20 | 18.20 | 18.20 | | |
| 100 | QPSK | 135 | 0 | 18.09 | 18.09 | 18.09 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.85 | 18.85 | 18.85 | 20.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.10 | 18.10 | 18.10 | 20.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 18.93 | 18.93 | 18.93 | | |
| 100 | 16QAM | 1 | 1 | 18.78 | 18.78 | 18.78 | 20.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.87 | 18.87 | 18.87 | 20.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.88 | 18.88 | 18.88 | 20.0 | 0.0 |
| Channel | | | | 648968 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3760 | 3765.01 | | |
| 90 | QPSK | 1 | 123 | 18.71 | 18.73 | 18.74 | 20.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3760 | 3767.02 | | |
| 80 | QPSK | 1 | 109 | 18.80 | 18.79 | 18.74 | 20.0 | 0.0 |
| Channel | | | | 648968 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3760 | 3770.01 | | |
| 60 | QPSK | 1 | 81 | 18.79 | 18.82 | 18.71 | 20.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3760 | 3775.02 | | |
| 50 | QPSK | 1 | 67 | 18.71 | 18.78 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3760 | 3780 | | |
| 40 | QPSK | 1 | 53 | 18.78 | 18.72 | 18.70 | 20.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3760 | 3785.01 | | |
| 30 | QPSK | 1 | 39 | 18.72 | 18.72 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3760 | 3790.02 | | |
| 20 | QPSK | 1 | 26 | 18.72 | 18.79 | 18.69 | 20.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.52 | 3760 | 3792.51 | | |
| 15 | QPSK | 1 | 19 | 18.75 | 18.73 | 18.73 | 20.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3760 | 3795 | | |
| 10 | QPSK | 1 | 12 | 18.76 | 18.78 | 18.71 | 20.0 | 0.0 |



Reduced Power Mode for DSI7 Simultaneous

| Part270 n77 PC2&3 Ant2 DSI7 for ENDC | | | | | | | | |
|--------------------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 662000 | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 11.70 | 11.58 | 11.37 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 11.83 | 12.04 | 11.72 | | |
| 100 | PI/2 BPSK | 1 | 271 | 11.37 | 11.59 | 11.75 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 0 | 11.37 | 11.49 | 11.60 | | |
| 100 | PI/2 BPSK | 135 | 69 | 12.13 | 12.20 | 11.96 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 11.79 | 12.19 | 11.89 | | |
| 100 | PI/2 BPSK | 270 | 0 | 11.80 | 11.55 | 11.26 | 13.0 | 0.0 |
| 100 | QPSK | 1 | 1 | 11.15 | 11.18 | 11.27 | | |
| 100 | QPSK | 1 | 137 | 12.09 | 12.31 | 12.20 | 13.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 11.73 | 11.53 | 11.39 | | |
| 100 | QPSK | 135 | 0 | 11.82 | 12.00 | 11.77 | 13.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 11.89 | 12.24 | 12.06 | | |
| 100 | QPSK | 135 | 138 | 11.94 | 12.94 | 11.88 | 13.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 11.96 | 12.17 | 12.06 | | |
| 100 | 16QAM | 1 | 1 | 11.95 | 12.09 | 12.18 | 13.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 12.07 | 11.88 | 11.86 | | |
| 100 | 256QAM | 1 | 1 | 11.89 | 11.81 | 11.83 | 13.0 | 0.0 |
| Channel | | | | 649668 | 650000 | 662334 | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 123 | 12.12 | 12.10 | 12.04 | 13.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 662668 | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 109 | 12.05 | 12.13 | 12.11 | 13.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 663334 | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3930.01 | | |
| 60 | QPSK | 1 | 81 | 12.08 | 12.15 | 12.11 | 13.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 663668 | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | |
| 50 | QPSK | 1 | 67 | 12.06 | 12.04 | 12.11 | 13.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 664000 | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3950 | | |
| 40 | QPSK | 1 | 53 | 12.08 | 12.15 | 12.04 | 13.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 664334 | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 39 | 12.07 | 12.11 | 12.13 | 13.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 664668 | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | |
| 20 | QPSK | 1 | 26 | 12.10 | 12.18 | 12.15 | 13.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 664834 | | |
| Frequency (MHz) | | | | 3707.52 | 3840 | 3972.51 | | |
| 15 | QPSK | 1 | 19 | 12.04 | 12.17 | 12.05 | 13.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 665000 | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 12 | 12.06 | 12.14 | 12.06 | 13.0 | 0.0 |
| Channel | | | | 646834 | 650000 | 665334 | | |
| Frequency (MHz) | | | | 3700 | 3840 | 3980 | | |

| Part270 n78 PC2&3 Ant2 DSI7 for ENDC | | | | | | | | |
|--------------------------------------|------------|---------|-----------|------------------------------|---------------------------------|-------------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. 650000 | Power Middle Ch. / Freq. 650000 | Power High Ch. / Freq. 650000 | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | |
| Frequency (MHz) | | | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 11.15 | | | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 11.83 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 11.51 | | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 0 | | 11.21 | | | |
| 100 | PI/2 BPSK | 135 | 69 | | 11.71 | | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 11.78 | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 11.62 | | 13.0 | 0.0 |
| 100 | QPSK | 1 | 1 | | 11.11 | | | |
| 100 | QPSK | 1 | 137 | | 12.25 | | 13.0 | 0.0 |
| 100 | QPSK | 1 | 271 | | 11.12 | | | |
| 100 | QPSK | 135 | 0 | | 11.79 | | 13.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 11.81 | | | |
| 100 | QPSK | 135 | 138 | | 11.89 | | 13.0 | 0.0 |
| 100 | QPSK | 270 | 0 | | 11.73 | | | |
| 100 | 16QAM | 1 | 1 | | 11.72 | | 13.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 11.75 | | | |
| 100 | 256QAM | 1 | 1 | | 11.47 | | 13.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 650334 | | |
| Frequency (MHz) | | | | 3745.02 | 3740 | 3745.01 | | |
| 90 | QPSK | 1 | 123 | 12.21 | 12.13 | 12.16 | 13.0 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | | |
| Frequency (MHz) | | | | 3740.01 | 3740 | 3740.02 | | |
| 80 | QPSK | 1 | 109 | 12.14 | 12.10 | 12.21 | 13.0 | 0.0 |
| Channel | | | | 648668 | 650000 | 651334 | | |
| Frequency (MHz) | | | | 3730.02 | 3740 | 3730.01 | | |
| 60 | QPSK | 1 | 81 | 12.11 | 12.21 | 12.21 | 13.0 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | | |
| Frequency (MHz) | | | | 3725.01 | 3740 | 3725.02 | | |
| 50 | QPSK | 1 | 67 | 12.20 | 12.12 | 12.20 | 13.0 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | | |
| Frequency (MHz) | | | | 3720 | 3740 | 3760 | | |
| 40 | QPSK | 1 | 53 | 12.10 | 12.13 | 12.21 | 13.0 | 0.0 |
| Channel | | | | 647668 | 650000 | 652334 | | |
| Frequency (MHz) | | | | 3715.02 | 3740 | 3765.01 | | |
| 30 | QPSK | 1 | 39 | 12.13 | 12.13 | 12.22 | 13.0 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | | |
| Frequency (MHz) | | | | 3710.01 | 3740 | 3740.02 | | |
| 20 | QPSK | 1 | 26 | 12.05 | 12.22 | 12.23 | 13.0 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | | |
| Frequency (MHz) | | | | 3707.52 | 3740 | 3762.51 | | |
| 15 | QPSK | 1 | 19 | 12.15 | 12.17 | 12.22 | 13.0 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | | |
| Frequency (MHz) | | | | 3705 | 3740 | 3795 | | |
| 10 | QPSK | 1 | 12 | 12.03 | 12.24 | 12.21 | 13.0 | 0.0 |
| Channel | | | | 646834 | 650000 | 653334 | | |
| Frequency (MHz) | | | | 3700 | 3740 | 3790 | | |



| 5.8GHz WLAN | | | | | | Art 4 Full power | | for Head Standalone | | for Head non DBS | | for Extremity non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % |
|---------------------|---------|-----------------|---------------------|---------------|---------------------|------------------|---------------------|---------------------|---------------------|------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|-------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | |
| 802.11a 6Mbps | 100 | 5500 | 16.31 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | 96.77 | |
| | 116 | 5580 | 16.45 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 124 | 5620 | 16.50 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 132 | 5660 | 16.52 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 140 | 5700 | 16.58 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 144 | 5720 | 16.63 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 100 | 5500 | 16.36 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 116 | 5580 | 16.68 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 124 | 5620 | 16.77 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 132 | 5660 | 16.67 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 140 | 5700 | 16.63 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 144 | 5720 | 16.66 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 102 | 5510 | 15.70 | 17.50 | 13.00 | | 8.00 | 13.67 | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 110 | 5550 | 16.57 | 18.00 | 13.00 | Not Required | Not Required | 8.00 | 14.14 | 15.50 | Not Required | Not Required | 16.00 | | 10.00 | | | |
| | 126 | 5630 | 16.62 | 18.00 | 13.00 | Not Required | Not Required | 8.00 | 14.15 | 15.50 | Not Required | Not Required | 16.00 | | 10.00 | | | |
| 134 | 5670 | 16.51 | 18.00 | 13.00 | Not Required | Not Required | 8.00 | 14.08 | 15.50 | Not Required | Not Required | 16.00 | | 10.00 | | | | |
| 142 | 5710 | 16.82 | 18.00 | 13.00 | Not Required | Not Required | 8.00 | 14.27 | 15.50 | Not Required | Not Required | 16.00 | | 10.00 | | | | |
| 802.11ac-VHT20 MCS0 | 100 | 5500 | 16.40 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | 96.79 | |
| | 118 | 5580 | 16.73 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 124 | 5620 | 16.80 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 132 | 5660 | 16.69 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 140 | 5700 | 16.70 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 144 | 5720 | 16.71 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 102 | 5510 | 15.74 | 17.50 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| 802.11ac-VHT40 MCS0 | 110 | 5550 | 16.63 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | 93.76 | |
| | 126 | 5630 | 16.70 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 134 | 5670 | 16.60 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 142 | 5710 | 16.67 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| 802.11ac-VHT80 MCS0 | 106 | 5530 | 12.65 | 14.00 | 11.72 | 13.00 | 6.71 | 8.00 | 15.50 | 12.65 | 14.00 | 8.59 | 10.00 | | | | 87.45 | |
| | 122 | 5610 | 16.14 | 17.50 | 12.21 | 13.50 | 7.21 | 8.50 | 15.50 | 14.55 | 16.00 | 9.08 | 10.00 | | | | | |
| | 138 | 5690 | 16.10 | 17.50 | 12.22 | 13.50 | 7.25 | 8.50 | 15.50 | 14.61 | 16.00 | 9.05 | 10.00 | | | | | |
| 802.11ax-HE20 MCS0 | 100 | 5500 | 16.51 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | 95.88 | |
| | 116 | 5580 | 16.85 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 124 | 5620 | 16.89 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 132 | 5660 | 16.76 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 140 | 5700 | 16.79 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 144 | 5720 | 16.81 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 102 | 5510 | 15.84 | 17.50 | 13.00 | Not Required | Not Required | 8.00 | 15.50 | | 16.00 | Not Required | Not Required | 16.00 | | 10.00 | | |
| 802.11ax-HE40 MCS0 | 110 | 5550 | 16.74 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | 91.98 | |
| | 126 | 5630 | 16.83 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 134 | 5670 | 16.74 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| | 142 | 5710 | 16.99 | 18.00 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 16.00 | | 10.00 | | | |
| 802.11ax-HE80 MCS0 | 106 | 5530 | 13.03 | 14.00 | 13.00 | | 8.00 | | 15.50 | | 14.00 | | 10.00 | | | | 79.92 | |
| | 122 | 5610 | 16.59 | 17.50 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 10.00 | | | | | |
| | 138 | 5690 | 16.56 | 17.50 | 13.00 | | 8.00 | | 15.50 | | 16.00 | | 10.00 | | | | | |

| 5.8GHz WLAN Art 4 | | | | | | Art 4 Full power | | for Head Standalone | | for Head non DBS | | for Hotspot non DBS | | for Extremity non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % |
|---------------------|---------|-----------------|---------------------|---------------|---------------------|------------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|-------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | |
| 802.11a 6Mbps | 149 | 5745 | 18.61 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 96.77 | |
| | 157 | 5785 | 18.70 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 165 | 5825 | 18.65 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| 802.11n-HT20 MCS0 | 149 | 5745 | 18.49 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 96.77 | |
| | 157 | 5785 | 18.57 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 165 | 5825 | 18.62 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| 802.11n-HT40 MCS0 | 151 | 5755 | 16.69 | 18.00 | Not Required | Not Required | 16.50 | | 10.00 | | 14.00 | | 16.00 | Not Required | Not Required | 16.00 | | 12.50 | | 93.67 |
| | 159 | 5795 | 16.71 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 149 | 5745 | 18.56 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| 802.11ac-VHT20 MCS0 | 157 | 5785 | 18.62 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 96.79 | |
| | 165 | 5825 | 18.68 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 151 | 5755 | 16.74 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| 802.11ac-VHT40 MCS0 | 159 | 5795 | 16.78 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 93.76 | |
| | 155 | 5775 | 16.25 | 18.00 | 14.95 | 16.50 | 8.37 | 10.00 | 12.28 | 14.00 | 14.57 | 16.00 | 15.84 | 17.50 | 10.85 | 12.50 | | | | |
| 802.11ac-VHT80 MCS0 | 149 | 5745 | 18.66 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 87.45 | |
| | 157 | 5785 | 18.69 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 165 | 5825 | 18.77 | 20.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| | 151 | 5755 | 16.89 | 18.00 | Not Required | Not Required | 16.50 | | 10.00 | | 14.00 | | 16.00 | Not Required | Not Required | 16.00 | | 12.50 | | |
| 802.11ax-HE40 MCS0 | 159 | 5795 | 16.92 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 91.98 | |
| | 155 | 5775 | 16.70 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | | |
| 802.11ax-HE80 MCS0 | 155 | 5775 | 16.70 | 18.00 | | | 16.50 | | 10.00 | | 14.00 | | 16.00 | | 17.50 | | 12.50 | | 79.92 | |



| 5.8GHz WLAN Ant 5 | | | | | Ant 5 Full power | | for Head Standalone for Head DBS Only | | for Head non DBS | | for Head DBS | | for Extremely non DBS | | for Body worn Standalone for Body worn DBS Only | | for Body worn non DBS | | Duty Cycle % |
|----------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|--|---------------|---------------------|---------------|---------------------|---------------|-----------------------|---------------|--|---------------|-----------------------|---------------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| | | | | | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | | | |
| 802.11a 6Mbps | 100 | 5900 | 16.64 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | 96.97 | | | | | | | | |
| | 116 | 5980 | 16.60 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 124 | 5820 | 16.56 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 132 | 5860 | 16.60 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 140 | 5700 | 16.65 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11n-HT20 MCS0 | 144 | 5720 | 16.61 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 100 | 5900 | 16.94 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 116 | 5980 | 16.79 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 124 | 5820 | 16.95 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 132 | 5860 | 16.98 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11n-HT40 MCS0 | 140 | 5700 | 17.04 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 144 | 5720 | 17.01 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 102 | 5510 | 16.19 | 17.50 | 13.50 | 8.50 | 7.50 | 14.21 | 15.50 | 14.50 | 10.50 | | | | | | | | |
| | 110 | 5550 | 16.65 | 18.00 | 13.50 | 8.50 | 7.50 | 14.18 | 15.50 | 14.50 | 10.50 | | | | | | | | |
| | 126 | 5630 | 16.40 | 18.00 | 13.50 | 8.50 | 7.50 | 14.02 | 15.50 | 14.50 | 10.50 | | | | | | | | |
| 802.11ac-VHT20 MCS0 | 134 | 5670 | 16.21 | 18.00 | 13.50 | 8.50 | 7.50 | 13.82 | 15.50 | 14.50 | 10.50 | | | | | | | | |
| | 142 | 5710 | 16.34 | 18.00 | 13.50 | 8.50 | 7.50 | 13.88 | 15.50 | 14.50 | 10.50 | | | | | | | | |
| | 100 | 5900 | 17.02 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 116 | 5980 | 16.89 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 124 | 5820 | 17.04 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11ac-VHT40 MCS0 | 132 | 5860 | 17.06 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 140 | 5700 | 17.13 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 144 | 5720 | 17.07 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 102 | 5510 | 16.23 | 17.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 110 | 5550 | 16.69 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11ac-VHT80 MCS0 | 126 | 5630 | 16.43 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 134 | 5670 | 16.27 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 142 | 5710 | 16.41 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 106 | 5930 | 13.31 | 14.50 | 12.12 | 13.50 | 7.10 | 8.50 | 6.10 | 7.50 | 15.50 | 13.31 | 14.50 | 9.60 | 10.50 | | | | |
| | 122 | 5610 | 15.95 | 17.50 | 12.22 | 13.50 | 7.15 | 8.50 | 6.18 | 7.50 | 15.50 | 14.51 | 16.00 | 9.77 | 10.50 | | | | |
| 802.11ax-HE20 MCS0 | 138 | 5690 | 15.80 | 17.50 | 12.05 | 13.50 | 7.04 | 8.50 | 6.12 | 7.50 | 15.50 | 14.35 | 16.00 | 9.61 | 10.50 | | | | |
| | 100 | 5900 | 17.07 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 116 | 5980 | 16.97 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 124 | 5820 | 17.11 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 132 | 5860 | 17.09 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11ax-HE40 MCS0 | 140 | 5700 | 17.20 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 144 | 5720 | 17.11 | 18.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 102 | 5510 | 16.31 | 17.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 110 | 5550 | 16.78 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 126 | 5630 | 16.53 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| 802.11ax-HE80 MCS0 | 134 | 5670 | 16.39 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 142 | 5710 | 16.51 | 18.00 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 106 | 5930 | 13.66 | 14.50 | 13.50 | 8.50 | 7.50 | 14.50 | 14.50 | 10.50 | | | | | | | | | |
| | 122 | 5610 | 16.40 | 17.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |
| | 138 | 5690 | 16.28 | 17.50 | 13.50 | 8.50 | 7.50 | 15.50 | 14.50 | 10.50 | | | | | | | | | |

| 5.8GHz WLAN Ant 5 | | | | | Ant 5 Full power | | for Head Standalone | | for Head non DBS | | for Head DBS Only | | for Head DBS | | for Hotspot non DBS | | for Hotspot DBS | | for Extremely non DBS | | for Body worn Standalone for Body worn DBS Only | | for Body worn non DBS | | for Body worn DBS | | Duty Cycle % |
|----------------------|---------|-----------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|-----------------------|---------------|--|---------------|-----------------------|---------------|---------------------|---------------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| | | | | | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | Not Required | |
| 802.11a 6Mbps | 149 | 5745 | 18.14 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | 96.97 | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.24 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 165 | 5825 | 18.17 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.12 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.03 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11n-HT20 MCS0 | 165 | 5825 | 18.01 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.36 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.31 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 16.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 16.14 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ac-VHT20 MCS0 | 165 | 5825 | 18.11 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.40 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.38 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ac-VHT40 MCS0 | 165 | 5825 | 18.19 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.40 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.46 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ac-VHT80 MCS0 | 165 | 5825 | 18.11 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.40 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.46 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ax-HE20 MCS0 | 165 | 5825 | 18.19 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.49 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.46 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ax-HE40 MCS0 | 165 | 5825 | 18.11 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.40 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.46 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| 802.11ax-HE80 MCS0 | 165 | 5825 | 18.11 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 151 | 5755 | 16.40 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 159 | 5795 | 16.46 | 18.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 149 | 5745 | 18.26 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 18.21 | 20.00 | 16.00 | 9.50 | 14.50 | 8.50 | 13.50 | 10.50 | | | | | | | | | | | | | | | | | |



| 2.4GHz WLAN Ant 6+3 | | | | Ant6+3 Full Power | | for Head Standalone | | for Head non DBS | | for Hotspot non DBS | | for Extremely non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % | |
|------------------------|--------------------|-----------------|---------------------|-------------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|-------|--------------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 22.40 | 23.80 | 21.44 | 22.80 | 14.95 | 16.30 | 17.32 | 18.80 | 18.37 | 19.80 | 20.99 | 22.30 | 14.95 | 16.30 | 99.47 | |
| | | 6 | 2437 | 22.53 | 24.00 | 21.52 | 23.00 | 15.13 | 16.50 | 17.47 | 19.00 | 18.53 | 20.00 | 21.06 | 22.50 | 15.10 | 16.00 | | |
| | | 11 | 2462 | 22.31 | 23.80 | 21.37 | 22.80 | 14.85 | 16.30 | 17.30 | 18.80 | 18.36 | 19.80 | 20.90 | 22.30 | 14.87 | 16.30 | | |
| | 802.11g 6Mbps | 1 | 2412 | 20.53 | 21.80 | 20.53 | 21.80 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 96.97 |
| | | 6 | 2437 | 21.82 | 23.50 | 21.30 | 22.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | | 11 | 2462 | 21.19 | 22.50 | 21.19 | 22.50 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 18.53 | 20.00 | 18.53 | 20.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 96.77 |
| | | 6 | 2437 | 21.50 | 23.00 | 21.50 | 22.50 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | | 11 | 2462 | 19.16 | 20.50 | 19.16 | 20.50 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | 802.11n-HT40 MCS0 | 3 | 2422 | 16.64 | 18.00 | 16.64 | 18.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 93.49 |
| | | 6 | 2437 | 19.55 | 21.00 | 19.55 | 21.00 | Not Required | 16.30 | Not Required | 16.30 | Not Required | 16.30 | Not Required | 16.30 | Not Required | 16.30 | Not Required | |
| | | 9 | 2452 | 17.99 | 19.50 | 17.99 | 19.50 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 18.65 | 20.00 | | 20.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 95.48 |
| | | 6 | 2437 | 21.58 | 23.00 | | 23.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | | 11 | 2462 | 19.28 | 21.00 | | 21.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | 802.11ax-HE40 MCS0 | 3 | 2422 | 16.74 | 18.00 | | 18.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 92.75 |
| | | 6 | 2437 | 19.64 | 21.00 | | 21.00 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |
| | | 9 | 2452 | 18.09 | 19.50 | | 19.50 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | 16.30 | | |

| 5.2GHz WLAN Ant 4+5 | | | | Ant4+5 Full Power | | for Head Standalone | | for Head non DBS | | for Hotspot non DBS | | for Extremely non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % | |
|------------------------|---------------------|-----------------|---------------------|-------------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|-------|--------------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 19.58 | 20.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 96.97 | |
| | | 40 | 5200 | 19.92 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | | 44 | 5220 | 19.83 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11n-HT20 MCS0 | 48 | 5240 | 19.61 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 96.77 | |
| | | 36 | 5180 | 19.91 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | | 40 | 5200 | 20.43 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11n-HT40 MCS0 | 44 | 5220 | 20.56 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 93.67 | |
| | | 48 | 5240 | 19.90 | 21.60 | Not Required | 17.30 | Not Required | 12.30 | Not Required | 16.30 | 16.69 | 18.00 | 16.69 | 18.00 | Not Required | 13.80 | | |
| | | 36 | 5180 | 19.96 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11ac-VHT20 MCS0 | 46 | 5230 | 19.51 | 21.00 | | 17.30 | | 12.30 | | 16.30 | | 16.69 | 18.50 | 18.48 | 20.00 | | 13.80 | 96.79 |
| | | 36 | 5180 | 19.96 | 21.30 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | | 40 | 5200 | 20.50 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11ac-VHT40 MCS0 | 44 | 5220 | 20.62 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 93.76 | |
| | | 48 | 5240 | 19.98 | 21.60 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | | 38 | 5190 | 16.72 | 18.00 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11ac-VHT80 MCS0 | 46 | 5230 | 19.57 | 21.00 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 88.23 | |
| | | 42 | 5210 | 15.75 | 17.30 | 15.74 | 17.30 | 10.69 | 12.30 | 14.73 | 16.30 | | 17.30 | | 17.30 | 11.82 | 13.80 | | |
| | | 36 | 5180 | 20.01 | 21.30 | | 17.30 | | 12.30 | | 16.30 | Not Required | 18.00 | Not Required | 18.00 | | 13.80 | | |
| | 802.11ax-HE20 MCS0 | 40 | 5200 | 20.57 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | 95.89 | |
| | | 44 | 5220 | 20.69 | 21.80 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | | 48 | 5240 | 20.06 | 21.60 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 16.80 | 18.00 | Not Required | 17.30 | Not Required | 12.30 | Not Required | 16.30 | | 18.00 | | 18.00 | Not Required | 13.80 | 92.52 | |
| | | 46 | 5230 | 19.67 | 21.00 | | 17.30 | | 12.30 | | 16.30 | | 18.00 | | 18.00 | | 13.80 | | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 16.15 | 17.30 | | 17.30 | | 12.30 | | 16.30 | | 17.30 | | 17.30 | | 13.80 | 79.92 | |

| 5.3GHz WLAN Ant 4+5 | | | | Ant4+5 Full Power | | for Head Standalone | | for Head non DBS | | for Extremely non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % |
|------------------------|---------------------|-----------------|---------------------|-------------------|---------------------|---------------------|---------------------|------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|-------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 19.43 | 20.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 96.97 |
| | | 56 | 5280 | 19.41 | 20.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | | 60 | 5300 | 19.45 | 20.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | 802.11n-HT20 MCS0 | 64 | 5320 | 19.51 | 20.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 96.77 |
| | | 52 | 5260 | 20.16 | 21.30 | | 17.60 | | 12.60 | Not Required | 18.30 | Not Required | 18.80 | | 14.10 | |
| | | 56 | 5280 | 20.12 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | 802.11n-HT40 MCS0 | 60 | 5300 | 19.79 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 93.67 |
| | | 64 | 5320 | 19.74 | 21.30 | Not Required | 17.60 | Not Required | 12.60 | 17.02 | 18.50 | 18.45 | 20.00 | Not Required | 14.10 | |
| | | 54 | 5270 | 19.34 | 21.00 | | 17.60 | | 12.60 | | 16.97 | 18.30 | 17.56 | 18.80 | | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 20.23 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 96.79 |
| | | 56 | 5280 | 20.19 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | | 60 | 5300 | 19.85 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | 802.11ac-VHT40 MCS0 | 64 | 5320 | 19.83 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 93.76 |
| | | 54 | 5270 | 19.62 | 21.00 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | | 62 | 5310 | 17.58 | 18.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 16.19 | 17.60 | 16.19 | 17.60 | 11.03 | 12.60 | | 18.30 | | 17.60 | 12.71 | 14.10 | 88.23 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 20.31 | 21.30 | | 17.60 | | 12.60 | Not Required | 18.30 | Not Required | 18.80 | | 14.10 | 95.89 |
| | | 56 | 5280 | 20.28 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | | 60 | 5300 | 19.93 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | |
| | 802.11ax-HE40 MCS0 | 64 | 5320 | 19.90 | 21.30 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 92.52 |
| | | 54 | 5270 | 19.75 | 21.00 | Not Required | 17.60 | Not Required | 12.60 | | 18.30 | | 18.80 | Not Required | 14.10 | |
| | 802.11ax-HE80 MCS0 | 62 | 5310 | 17.68 | 18.80 | | 17.60 | | 12.60 | | 18.30 | | 18.80 | | 14.10 | 79.92 |



| 5.5GHz WLAN Ant 4+5 | | | | Ant4+5 Full Power | | for Head Standalone | | for Head non DBS | | for Extremely non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % | | | | | | | | | | | | | |
|------------------------|---------------------|-----------------|---------------------|-------------------|---------------------|---------------------|---------------------|------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|--------------|--------------|--------------|-------|--------------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | | | | | | | | | | | | | |
| 802.11a 6Mbps | 100 | 5590 | 19.49 | 21.00 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | 13.50 | | | | | | | | | | | | | | | |
| | 116 | 5580 | 19.54 | 21.00 | | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 124 | 5620 | 19.54 | 21.00 | | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 132 | 5660 | 19.57 | 21.00 | | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 140 | 5700 | 19.63 | 21.00 | | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 144 | 5720 | 19.63 | 21.00 | | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 802.11n-HT20 MCS0 | 100 | 5590 | 19.67 | | | | | | | | | | | 21.00 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | |
| | | 116 | 5580 | 19.75 | | | | | | | | | | | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 |
| | | 124 | 5620 | 19.67 | | | | | | | | | | | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 |
| | | 132 | 5660 | 19.84 | | | | | | | | | | | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 |
| | | 140 | 5700 | 19.85 | | | | | | | | | | | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 |
| | | 144 | 5720 | 19.85 | | | | | | | | | | | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 |
| 802.11n-HT40 MCS0 | 102 | 5510 | 18.96 | 20.50 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | |
| | 110 | 5550 | 19.62 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 17.16 | 19.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 126 | 5630 | 19.52 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 17.09 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 134 | 5670 | 19.38 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 16.95 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 142 | 5710 | 19.60 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 17.08 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 19.73 | | | | | | | | | | 21.00 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | |
| 116 | | 5580 | 19.82 | 21.00 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 124 | | 5620 | 19.93 | 21.30 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 132 | | 5660 | 19.89 | 21.30 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 140 | | 5700 | 19.93 | 21.30 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 144 | | 5720 | 19.90 | 21.30 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 802.11ac-VHT40 MCS0 | 102 | 5510 | 19.00 | 20.50 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | |
| | 110 | 5550 | 19.67 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 126 | 5630 | 19.58 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 134 | 5670 | 19.45 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 142 | 5710 | 19.66 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 16.01 | | | | | | | | | | 17.30 | 14.92 | 16.30 | 9.91 | 11.30 | 18.50 | 16.01 | 17.30 | 12.12 | 13.50 | | | | | | |
| 122 | | 5610 | 19.06 | 20.50 | 15.22 | 16.50 | 10.18 | 11.50 | 18.50 | 17.54 | 19.00 | 12.44 | 13.50 | | | | | | | | | | | | | | | | |
| 138 | | 5690 | 18.97 | 20.50 | 15.14 | 16.50 | 10.15 | 11.50 | 18.50 | 17.49 | 19.00 | 12.34 | 13.50 | | | | | | | | | | | | | | | | |
| 802.11ax-HE20 MCS0 | | 100 | 5500 | 19.81 | 21.30 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | |
| | | 116 | 5580 | 19.92 | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | | 124 | 5620 | 20.01 | 21.30 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | |
| | 132 | 5660 | 19.94 | 21.30 | 16.30 | | | | | | | | | | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 140 | 5700 | 20.01 | 21.30 | 16.30 | | | | | | | | | | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 144 | 5720 | 19.98 | 21.30 | 16.30 | | | | | | | | | | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| 802.11ax-HE40 MCS0 | 102 | 5510 | 19.09 | 20.50 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | |
| | 110 | 5550 | 19.77 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 126 | 5630 | 19.69 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 134 | 5670 | 19.58 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 142 | 5710 | 19.77 | 21.00 | | | | | | | | | | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 16.37 | | | | | | | | | | 17.30 | Not Required | Not Required | 16.30 | 11.30 | Not Required | 18.50 | 18.50 | 17.30 | 13.50 | | | | | | |
| 122 | | 5610 | 19.51 | 20.50 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |
| 138 | | 5690 | 19.44 | 20.50 | 16.30 | 11.30 | 18.50 | 17.30 | 13.50 | | | | | | | | | | | | | | | | | | | | |

| 5.8GHz WLAN Ant 4+5 | | | | Ant4+5 Full Power | | for Head Standalone | | for Head non DBS | | for Hotspot non DBS | | for Extremely non DBS | | for Body worn Standalone | | for Body worn non DBS | | Duty Cycle % | | | | | | | | | | | | | | | | | | | | |
|------------------------|---------------------|---------------------|---------------------|-------------------|---------------------|---------------------|---------------------|------------------|---------------------|---------------------|---------------------|-----------------------|---------------------|--------------------------|---------------------|-----------------------|--------------|--------------|--------------|--------------|-------|-------|-------|-------|--------------|-------|--------------|--------------|-------|--------------|--------------|-------|-------|-------|-------|-------|-------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | | | | | | | | | | | | | | | | | | | | |
| 802.11a 6Mbps | 149 | 5745 | 21.39 | 23.00 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | | | | | | | |
| | 157 | 5785 | 21.45 | 23.00 | | | | | | | | | | | 19.30 | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | |
| | 165 | 5825 | 21.43 | 23.00 | | | | | | | | | | | 19.30 | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 21.32 | | | | | | | | | | | 23.00 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | |
| | | 157 | 5785 | 21.32 | | | | | | | | | | | 23.00 | | | | | | | | | | | 19.30 | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | |
| | | 165 | 5825 | 21.34 | | | | | | | | | | | 23.00 | | | | | | | | | | | 19.30 | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | |
| 802.11n-HT40 MCS0 | | 151 | 5755 | 19.54 | 21.00 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 18.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | | | | | | |
| | | 159 | 5795 | 19.53 | 21.00 | | | | | | | | | | | | | | | | | | | | | 19.30 | 12.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | |
| | | 149 | 5745 | 21.40 | 23.00 | | | | | | | | | | | | | | | | | | | | | 19.30 | 12.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | |
| | 802.11ac-VHT20 MCS0 | 157 | 5785 | 21.40 | 23.00 | | | | | | | | | | | Not Required | Not Required | 19.30 | 12.80 | Not Required | 18.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | | | | | | | |
| | | 165 | 5825 | 21.41 | 23.00 | | | | | | | | | | | | | | | | | | | | | 19.30 | 12.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | |
| | | 802.11ac-VHT40 MCS0 | 151 | 5755 | 19.58 | | | | | | | | | | | | | | | | | | | | | 21.00 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 18.80 | 18.80 | 18.80 | 20.30 | 15.30 | | |
| 159 | | | 5795 | 19.59 | 21.00 | 19.30 | 12.80 | 18.80 | 18.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 802.11ac-VHT80 MCS0 | | | 155 | 5775 | 19.11 | 20.80 | 17.84 | 19.30 | 11.24 | 12.80 | 15.12 | 16.80 | 17.42 | 18.80 | 18.77 | | | | | | | | | | | 20.30 | | | | | | | | | | | 13.73 | 15.30 |
| | | | 149 | 5745 | 21.48 | 23.00 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | 20.30 | | | | | | | | | | | 15.30 | | | | | | | | | | | | |
| | 157 | | 5785 | 21.47 | 23.00 | 19.30 | | | | | | | | | | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | |
| | 165 | | 5825 | 21.50 | 23.00 | 19.30 | | | | | | | | | | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | |
| | 802.11ax-HE20 MCS0 | 151 | 5755 | 19.71 | 21.00 | Not Required | | | | | | | | | | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | |
| | | 159 | 5795 | 19.71 | 21.00 | | | | | | | | | | | | | | | | | | | | 19.30 | | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | |
| 802.11ax-HE40 MCS0 | | 151 | 5755 | 19.71 | 21.00 | | | | | | | | | | | | | | | | | | | | Not Required | | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | |
| | | 159 | 5795 | 19.71 | 21.00 | | 19.30 | 12.80 | 16.80 | 16.80 | 20.30 | 15.30 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 802.11ax-HE80 MCS0 | 155 | 5775 | 19.57 | | 20.80 | Not Required | Not Required | 19.30 | 12.80 | Not Required | 16.80 | 16.80 | 16.80 | | | | | | | | | | | 20.30 | | | | | | | | | | 15.30 | | |

**BR / EDR**

| Mode | Channel | Frequency (Mhz) | Average power (dBm) | | |
|---------------|---------|-----------------|---------------------|-------|-------|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 10.82 | 7.98 | 7.93 |
| | CH 39 | 2441 | 11.15 | 8.40 | 8.32 |
| | CH 78 | 2480 | 10.50 | 7.55 | 7.50 |
| Tune-up Limit | | | 12.00 | 9.00 | 9.00 |

BLE_1M

| Mode | Channel | Frequency (Mhz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 10.47 |
| | CH 19 | 2440 | 10.92 |
| | CH 39 | 2480 | 10.24 |
| Tune-up Limit | | | 12.00 |

BLE_2M

| Mode | Channel | Frequency (Mhz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 10.60 |
| | CH 19 | 2440 | 11.09 |
| | CH 39 | 2480 | 10.36 |
| Tune-up Limit | | | 12.00 |