# Full & Default Power

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.20 | 32.22 | 32.18 | 33.50 | 23.20 | 23.22 | 23.18 | 24.50 |
| GPRS 1 Tx slot | 32.28 | 32.30 | 32.25 | 33.50 | 23.28 | 23.30 | 23.25 | 24.50 |
| GPRS 2 Tx slots | 30.15 | 30.22 | 30.21 | 31.50 | 24.15 | 24.22 | 24.21 | 25.50 |
| GPRS 3 Tx slots | 27.58 | 27.70 | 27.62 | 29.00 | 23.32 | 23.44 | 23.36 | 24.74 |
| GPRS 4 Tx slots | 25.51 | 25.68 | 25.65 | 27.00 | 22.51 | 22.68 | 22.65 | 24.00 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.10 | 29.30 | 29.15 | 30.50 | 20.10 | 20.30 | 20.15 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.33 | 29.20 | 30.50 | 20.17 | 20.33 | 20.20 | 21.50 |
| GPRS 2 Tx slots | 26.96 | 27.10 | 27.02 | 28.00 | 20.96 | 21.10 | 21.02 | 22.00 |
| GPRS 3 Tx slots | 24.92 | 25.00 | 24.88 | 26.00 | 20.66 | 20.74 | 20.62 | 21.74 |
| GPRS 4 Tx slots | 22.38 | 22.55 | 22.45 | 24.00 | 19.38 | 19.55 | 19.45 | 21.00 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.50 | 15.87 | 16.00 | 15.92 | 17.50 |
| EDGE 2 Tx slots | 22.90 | 22.98 | 22.88 | 24.50 | 16.90 | 16.98 | 16.88 | 18.50 |
| EDGE 3 Tx slots | 20.67 | 20.70 | 20.64 | 22.00 | 16.41 | 16.44 | 16.38 | 17.74 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 22.39 | 22.45 | 22.35 | 24.00 | 22.51 | 22.62 | 22.58 | 24.00 | 22.62 | 22.66 | 22.54 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.54 | 22.58 | 22.49 | 24.00 | 22.64 | 22.69 | 22.60 | 24.00 | 22.69 | 22.70 | 22.67 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.53 | 21.52 | 21.56 | 23.00 | 21.54 | 21.69 | 21.69 | 23.00 | 21.70 | 21.76 | 21.66 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.49 | 21.55 | 21.58 | 23.00 | 21.56 | 21.75 | 21.72 | 23.00 | 21.72 | 21.75 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.01 | 21.00 | 21.07 | 22.50 | 21.04 | 21.22 | 20.88 | 22.50 | 21.22 | 21.25 | 21.15 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.98 | 21.05 | 21.12 | 22.50 | 21.04 | 21.20 | 21.27 | 22.50 | 21.24 | 21.27 | 21.13 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.53 | 21.59 | 21.68 | 23.00 | 21.58 | 21.75 | 21.75 | 23.00 | 21.72 | 21.76 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.52 | 19.58 | 19.70 | 21.00 | 19.59 | 19.77 | 19.76 | 21.00 | 19.69 | 19.73 | 19.66 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.51 | 20.58 | 20.70 | 22.00 | 20.57 | 20.77 | 20.77 | 22.00 | 20.75 | 20.71 | 20.67 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.52 | 19.56 | 19.67 | 21.00 | 19.63 | 19.77 | 19.79 | 21.00 | 19.72 | 19.74 | 19.71 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.50 | 21.60 | 21.70 | 23.00 | 21.60 | 21.80 | 21.80 | 23.00 | 21.70 | 21.80 | 21.70 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.16 | 20.25 | 20.22 | 20.50 | 20.05 | 20.22 | 20.16 | 20.50 | 19.77 | 19.80 | 19.69 | 20.50 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.46 | 22.54 | 22.50 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.46 | 22.48 | | |
| 20 | QPSK | 1 | 99 | 22.35 | 22.39 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.59 | 21.69 | 21.64 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.55 | 21.61 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.50 | 21.54 | 21.54 | | |
| 20 | QPSK | 100 | 0 | 21.44 | 21.48 | 21.45 | | |
| 20 | 16QAM | 1 | 0 | 21.79 | 21.82 | 21.80 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.79 | 21.83 | 21.79 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.73 | | |
| 20 | 16QAM | 50 | 0 | 20.60 | 20.53 | 20.56 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.60 | 20.59 | | |
| 20 | 16QAM | 50 | 50 | 20.53 | 20.60 | 20.60 | | |
| 20 | 16QAM | 100 | 0 | 20.55 | 20.61 | 20.54 | | |
| 20 | 64QAM | 1 | 0 | 20.59 | 20.70 | 20.68 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.68 | 20.64 | 20.69 | | |
| 20 | 64QAM | 1 | 99 | 20.54 | 20.74 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.60 | 19.58 | 19.61 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.62 | 19.63 | 19.61 | | |
| 20 | 64QAM | 50 | 50 | 19.54 | 19.59 | 19.69 | | |
| 20 | 64QAM | 100 | 0 | 19.57 | 19.63 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 17.59 | 17.62 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.70 | 17.64 | 17.79 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.75 | 17.72 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.65 | 17.59 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.58 | 17.59 | 17.64 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.66 | 17.56 | | |
| 20 | 256QAM | 100 | 0 | 17.71 | 17.62 | 17.53 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.44 | 22.51 | 22.48 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.38 | 22.48 | 22.48 | | |
| 15 | QPSK | 1 | 74 | 22.36 | 22.36 | 22.41 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.60 | 21.56 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.46 | 21.52 | 21.58 | | |
| 15 | QPSK | 36 | 39 | 21.41 | 21.54 | 21.50 | | |
| 15 | QPSK | 75 | 0 | 21.41 | 21.49 | 21.44 | | |
| 15 | 16QAM | 1 | 0 | 21.78 | 21.83 | 21.85 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.78 | 21.83 | 21.74 | | |
| 15 | 16QAM | 1 | 74 | 21.73 | 21.66 | 21.75 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.44 | 20.48 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.61 | 20.60 | | |
| 15 | 16QAM | 36 | 39 | 20.57 | 20.53 | 20.57 | | |
| 15 | 16QAM | 75 | 0 | 20.51 | 20.55 | 20.53 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.64 | 20.59 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.67 | 20.60 | 20.66 | | |
| 15 | 64QAM | 1 | 74 | 20.44 | 20.77 | 20.62 | | |
| 15 | 64QAM | 36 | 0 | 19.60 | 19.57 | 19.57 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.60 | 19.68 | 19.65 | | |
| 15 | 64QAM | 36 | 39 | 19.55 | 19.54 | 19.72 | | |
| 15 | 64QAM | 75 | 0 | 19.55 | 19.57 | 19.51 | | |
| 15 | 256QAM | 1 | 0 | 17.60 | 17.55 | 17.79 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.64 | 17.58 | 17.77 | | |
| 15 | 256QAM | 1 | 74 | 17.77 | 17.74 | 17.72 | | |
| 15 | 256QAM | 36 | 0 | 17.73 | 17.67 | 17.52 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.56 | 17.50 | 17.69 | | |
| 15 | 256QAM | 36 | 39 | 17.66 | 17.60 | 17.49 | | |
| 15 | 256QAM | 75 | 0 | 17.74 | 17.54 | 17.51 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.39 | 22.47 | 22.46 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.28 | 22.48 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.39 | 22.40 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.50 | 21.67 | 21.60 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.56 | 21.65 | 21.55 | | |
| 10 | QPSK | 25 | 25 | 21.41 | 21.45 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.45 | 21.41 | 21.47 | | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.73 | 21.71 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.74 | 21.79 | 21.75 | | |
| 10 | 16QAM | 1 | 49 | 21.70 | 21.65 | 21.78 | | |
| 10 | 16QAM | 25 | 0 | 20.54 | 20.45 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.61 | 20.61 | | |
| 10 | 16QAM | 25 | 25 | 20.46 | 20.58 | 20.63 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.53 | 20.47 | | |
| 10 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.63 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.69 | 20.68 | 20.63 | | |
| 10 | 64QAM | 1 | 49 | 20.58 | 20.72 | 20.61 | | |
| 10 | 64QAM | 25 | 0 | 19.65 | 19.49 | 19.65 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.63 | 19.63 | 19.61 | | |
| 10 | 64QAM | 25 | 25 | 19.44 | 19.60 | 19.74 | | |
| 10 | 64QAM | 50 | 0 | 19.49 | 19.64 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.52 | 17.63 | 17.81 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.65 | 17.56 | 17.84 | | |
| 10 | 256QAM | 1 | 49 | 17.84 | 17.68 | 17.70 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.64 | 17.60 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.57 | 17.53 | 17.64 | | |
| 10 | 256QAM | 25 | 25 | 17.51 | 17.58 | 17.47 | | |
| 10 | 256QAM | 50 | 0 | 17.74 | 17.60 | 17.51 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.40 | 22.48 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.48 | 22.47 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.42 | 22.40 | | |
| 5 | QPSK | 12 | 0 | 21.57 | 21.70 | 21.62 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.51 | 21.62 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.54 | 21.54 | 21.50 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.41 | 21.47 | | |
| 5 | 16QAM | 1 | 0 | 21.83 | 21.86 | 21.74 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.87 | 21.80 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.78 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.61 | 20.47 | 20.60 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.58 | 20.60 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.63 | 20.56 | | |
| 5 | 16QAM | 25 | 0 | 20.56 | 20.56 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.54 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.64 | 20.68 | 20.59 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.65 | 20.63 | | |
| 5 | 64QAM | 12 | 0 | 19.61 | 19.54 | 19.57 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.54 | 19.59 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.50 | 19.63 | 19.61 | | |
| 5 | 64QAM | 25 | 0 | 19.55 | 19.62 | 19.59 | | |
| 5 | 256QAM | 1 | 0 | 17.61 | 17.54 | 17.77 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.63 | 17.63 | 17.70 | | |
| 5 | 256QAM | 1 | 24 | 17.76 | 17.65 | 17.68 | | |
| 5 | 256QAM | 12 | 0 | 17.66 | 17.58 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.56 | 17.66 | | |
| 5 | 256QAM | 12 | 13 | 17.54 | 17.71 | 17.55 | | |
| 5 | 256QAM | 25 | 0 | 17.63 | 17.55 | 17.49 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.45 | 22.49 | 22.50 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.43 | 22.38 | | |
| 3 | QPSK | 1 | 14 | 22.40 | 22.31 | 22.51 | | |
| 3 | QPSK | 8 | 0 | 21.52 | 21.73 | 21.65 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.60 | 21.51 | | |
| 3 | QPSK | 8 | 7 | 21.42 | 21.58 | 21.46 | | |
| 3 | QPSK | 15 | 0 | 21.37 | 21.41 | 21.41 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.79 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.78 | 21.71 | | |
| 3 | 16QAM | 1 | 14 | 21.68 | 21.74 | 21.72 | | |
| 3 | 16QAM | 8 | 0 | 20.63 | 20.43 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.56 | 20.56 | | |
| 3 | 16QAM | 8 | 7 | 20.46 | 20.51 | 20.62 | | |
| 3 | 16QAM | 15 | 0 | 20.58 | 20.54 | 20.57 | | |
| 3 | 64QAM | 1 | 0 | 20.51 | 20.69 | 20.70 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.56 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.45 | 20.65 | 20.60 | | |
| 3 | 64QAM | 8 | 0 | 19.59 | 19.56 | 19.58 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.61 | 19.63 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.60 | 19.72 | | |
| 3 | 64QAM | 15 | 0 | 19.47 | 19.59 | 19.60 | | |
| 3 | 256QAM | 1 | 0 | 17.55 | 17.64 | 17.72 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.68 | 17.56 | 17.83 | | |
| 3 | 256QAM | 1 | 14 | 17.83 | 17.72 | 17.70 | | |
| 3 | 256QAM | 8 | 0 | 17.65 | 17.57 | 17.53 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.56 | 17.57 | 17.57 | | |
| 3 | 256QAM | 8 | 7 | 17.59 | 17.56 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.64 | 17.61 | 17.50 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.49 | 22.53 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.27 | 22.46 | 22.48 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.40 | 22.52 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.42 | 22.29 | | |
| 1.4 | QPSK | 3 | 1 | 22.21 | 22.31 | 22.21 | | |
| 1.4 | QPSK | 3 | 3 | 22.15 | 22.27 | 22.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.52 | 21.38 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.70 | 21.79 | 21.77 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.71 | 21.87 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.68 | 21.77 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.55 | 21.52 | | |
| 1.4 | 16QAM | 3 | 1 | 21.59 | 21.55 | 21.53 | | |
| 1.4 | 16QAM | 3 | 3 | 21.54 | 21.64 | 21.62 | | |
| 1.4 | 16QAM | 6 | 0 | 20.56 | 20.65 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.55 | 20.72 | 20.60 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.72 | 20.58 | 20.63 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.65 | 20.60 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.57 | 20.56 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.65 | 20.61 | | |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.59 | 20.64 | | |
| 1.4 | 64QAM | 6 | 0 | 19.56 | 19.53 | 19.58 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.49 | 17.65 | 17.77 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.63 | 17.79 | | |
| 1.4 | 256QAM | 1 | 5 | 17.90 | 17.68 | 17.75 | | |
| 1.4 | 256QAM | 3 | 0 | 17.66 | 17.55 | 17.54 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.66 | 17.49 | | |
| 1.4 | 256QAM | 6 | 0 | 17.69 | 17.61 | 17.46 | 19 | 5 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.72 | 22.91 | 22.69 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.63 | 22.74 | 22.64 | | |
| 20 | QPSK | 1 | 99 | 22.57 | 22.57 | 22.50 | | |
| 20 | QPSK | 50 | 0 | 21.95 | 22.01 | 21.81 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.90 | 21.90 | 21.76 | | |
| 20 | QPSK | 50 | 50 | 21.87 | 21.79 | 21.71 | | |
| 20 | QPSK | 100 | 0 | 21.91 | 21.95 | 21.69 | | |
| 20 | 16QAM | 1 | 0 | 22.26 | 22.30 | 22.04 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.10 | 22.02 | 21.91 | | |
| 20 | 16QAM | 1 | 99 | 21.99 | 21.94 | 22.00 | | |
| 20 | 16QAM | 50 | 0 | 20.95 | 20.79 | 20.69 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.96 | 20.81 | 20.57 | | |
| 20 | 16QAM | 50 | 50 | 20.87 | 20.81 | 20.62 | | |
| 20 | 16QAM | 100 | 0 | 20.82 | 20.79 | 20.58 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.02 | 20.90 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.15 | 20.87 | 20.89 | | |
| 20 | 64QAM | 1 | 99 | 21.02 | 21.04 | 21.02 | | |
| 20 | 64QAM | 50 | 0 | 19.95 | 19.88 | 19.74 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.88 | 19.92 | 19.72 | | |
| 20 | 64QAM | 50 | 50 | 19.87 | 19.74 | 19.70 | | |
| 20 | 64QAM | 100 | 0 | 19.88 | 19.88 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 17.60 | 17.64 | 17.78 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.73 | 17.66 | 17.77 | | |
| 20 | 256QAM | 1 | 99 | 17.69 | 17.64 | 17.60 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.59 | 17.53 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.67 | 17.64 | 17.58 | | |
| 20 | 256QAM | 50 | 50 | 17.56 | 17.64 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.58 | 17.62 | 17.66 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.71 | 22.83 | 22.64 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.64 | 22.76 | 22.64 | | |
| 15 | QPSK | 1 | 74 | 22.48 | 22.54 | 22.45 | | |
| 15 | QPSK | 36 | 0 | 21.89 | 22.01 | 21.83 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.80 | 21.86 | 21.77 | | |
| 15 | QPSK | 36 | 39 | 21.80 | 21.81 | 21.70 | | |
| 15 | QPSK | 75 | 0 | 21.81 | 21.91 | 21.67 | | |
| 15 | 16QAM | 1 | 0 | 22.17 | 22.24 | 21.97 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.02 | 22.03 | 21.90 | | |
| 15 | 16QAM | 1 | 74 | 21.92 | 21.91 | 22.04 | | |
| 15 | 16QAM | 36 | 0 | 20.95 | 20.83 | 20.72 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.90 | 20.76 | 20.55 | | |
| 15 | 16QAM | 36 | 39 | 20.87 | 20.86 | 20.54 | | |
| 15 | 16QAM | 75 | 0 | 20.81 | 20.83 | 20.58 | | |
| 15 | 64QAM | 1 | 0 | 20.99 | 21.01 | 20.93 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.15 | 20.91 | 20.87 | | |
| 15 | 64QAM | 1 | 74 | 20.99 | 21.09 | 21.00 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.80 | 19.74 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.78 | 19.84 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.92 | 19.75 | 19.72 | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 19.86 | 19.63 | | |
| 15 | 256QAM | 1 | 0 | 17.52 | 17.64 | 17.74 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.77 | 17.65 | 17.72 | | |
| 15 | 256QAM | 1 | 74 | 17.62 | 17.61 | 17.57 | | |
| 15 | 256QAM | 36 | 0 | 17.65 | 17.57 | 17.56 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.58 | 17.66 | 17.61 | | |
| 15 | 256QAM | 36 | 39 | 17.56 | 17.67 | 17.62 | | |
| 15 | 256QAM | 75 | 0 | 17.61 | 17.54 | 17.69 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.66 | 22.89 | 22.60 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.68 | 22.65 | 22.66 | | |
| 10 | QPSK | 1 | 49 | 22.60 | 22.49 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 22.01 | 21.75 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.91 | 21.92 | 21.77 | | |
| 10 | QPSK | 25 | 25 | 21.92 | 21.80 | 21.61 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 21.96 | 21.59 | | |
| 10 | 16QAM | 1 | 0 | 22.17 | 22.22 | 22.09 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.10 | 21.93 | 21.88 | | |
| 10 | 16QAM | 1 | 49 | 21.91 | 21.85 | 22.02 | | |
| 10 | 16QAM | 25 | 0 | 20.85 | 20.73 | 20.62 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.98 | 20.81 | 20.61 | | |
| 10 | 16QAM | 25 | 25 | 20.87 | 20.71 | 20.55 | | |
| 10 | 16QAM | 50 | 0 | 20.86 | 20.76 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 21.08 | 20.95 | 20.84 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.12 | 20.88 | 20.83 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 20.97 | 20.94 | | |
| 10 | 64QAM | 25 | 0 | 19.99 | 19.79 | 19.74 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.88 | 19.84 | 19.64 | | |
| 10 | 64QAM | 25 | 25 | 19.84 | 19.79 | 19.64 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.91 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.62 | 17.62 | 17.74 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.59 | 17.79 | | |
| 10 | 256QAM | 1 | 49 | 17.72 | 17.55 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.66 | 17.53 | 17.45 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.71 | 17.69 | 17.57 | | |
| 10 | 256QAM | 25 | 25 | 17.60 | 17.68 | 17.48 | | |
| 10 | 256QAM | 50 | 0 | 17.54 | 17.59 | 17.66 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.74 | 22.84 | 22.66 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.61 | 22.74 | 22.56 | | |
| 5 | QPSK | 1 | 24 | 22.56 | 22.51 | 22.50 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.99 | 21.84 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.81 | 21.70 | | |
| 5 | QPSK | 12 | 13 | 21.80 | 21.69 | 21.76 | | |
| 5 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.66 | | |
| 5 | 16QAM | 1 | 0 | 22.22 | 22.33 | 21.97 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.12 | 21.95 | 21.93 | | |
| 5 | 16QAM | 1 | 24 | 21.92 | 21.86 | 21.96 | | |
| 5 | 16QAM | 12 | 0 | 20.94 | 20.75 | 20.69 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.98 | 20.85 | 20.50 | | |
| 5 | 16QAM | 12 | 13 | 20.92 | 20.84 | 20.67 | | |
| 5 | 16QAM | 25 | 0 | 20.82 | 20.79 | 20.60 | | |
| 5 | 64QAM | 1 | 0 | 20.99 | 21.03 | 20.89 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.18 | 20.85 | 20.79 | | |
| 5 | 64QAM | 1 | 24 | 20.92 | 20.94 | 21.00 | | |
| 5 | 64QAM | 12 | 0 | 19.96 | 19.82 | 19.65 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.89 | 19.93 | 19.66 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.73 | 19.66 | | |
| 5 | 64QAM | 25 | 0 | 19.79 | 19.81 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.58 | 17.66 | 17.75 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.75 | 17.69 | 17.82 | | |
| 5 | 256QAM | 1 | 24 | 17.66 | 17.59 | 17.51 | | |
| 5 | 256QAM | 12 | 0 | 17.77 | 17.52 | 17.52 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.61 | 17.65 | 17.62 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.57 | 17.50 | | |
| 5 | 256QAM | 25 | 0 | 17.49 | 17.57 | 17.68 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.73 | 22.85 | 22.63 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.61 | 22.76 | 22.61 | | |
| 3 | QPSK | 1 | 14 | 22.51 | 22.52 | 22.46 | | |
| 3 | QPSK | 8 | 0 | 21.87 | 21.95 | 21.74 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.85 | 21.87 | 21.79 | | |
| 3 | QPSK | 8 | 7 | 21.82 | 21.77 | 21.67 | | |
| 3 | QPSK | 15 | 0 | 21.88 | 21.91 | 21.68 | | |
| 3 | 16QAM | 1 | 0 | 22.24 | 22.32 | 22.06 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 22.00 | 22.00 | 21.82 | | |
| 3 | 16QAM | 1 | 14 | 21.91 | 21.88 | 22.01 | | |
| 3 | 16QAM | 8 | 0 | 20.92 | 20.73 | 20.68 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.97 | 20.73 | 20.57 | | |
| 3 | 16QAM | 8 | 7 | 20.85 | 20.77 | 20.55 | | |
| 3 | 16QAM | 15 | 0 | 20.80 | 20.69 | 20.59 | | |
| 3 | 64QAM | 1 | 0 | 20.95 | 21.05 | 20.84 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 21.20 | 20.77 | 20.79 | | |
| 3 | 64QAM | 1 | 14 | 21.00 | 21.07 | 21.04 | | |
| 3 | 64QAM | 8 | 0 | 19.97 | 19.91 | 19.78 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.79 | 19.92 | 19.73 | | |
| 3 | 64QAM | 8 | 7 | 19.77 | 19.68 | 19.67 | | |
| 3 | 64QAM | 15 | 0 | 19.90 | 19.90 | 19.65 | | |
| 3 | 256QAM | 1 | 0 | 17.64 | 17.66 | 17.77 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.73 | 17.66 | 17.70 | | |
| 3 | 256QAM | 1 | 14 | 17.59 | 17.69 | 17.51 | | |
| 3 | 256QAM | 8 | 0 | 17.66 | 17.64 | 17.50 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.63 | 17.59 | 17.51 | | |
| 3 | 256QAM | 8 | 7 | 17.55 | 17.67 | 17.48 | | |
| 3 | 256QAM | 15 | 0 | 17.48 | 17.65 | 17.62 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.72 | 22.81 | 22.74 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.58 | 22.74 | 22.61 | | |
| 1.4 | QPSK | 1 | 5 | 22.48 | 22.60 | 22.44 | | |
| 1.4 | QPSK | 3 | 0 | 22.61 | 22.67 | 22.46 | | |
| 1.4 | QPSK | 3 | 1 | 22.59 | 22.65 | 22.43 | | |
| 1.4 | QPSK | 3 | 3 | 22.48 | 22.51 | 22.46 | | |
| 1.4 | QPSK | 6 | 0 | 21.81 | 21.92 | 21.74 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.29 | 22.29 | 22.02 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.05 | 22.07 | 21.85 | | |
| 1.4 | 16QAM | 1 | 5 | 21.99 | 21.92 | 22.04 | | |
| 1.4 | 16QAM | 3 | 0 | 21.99 | 21.84 | 21.73 | | |
| 1.4 | 16QAM | 3 | 1 | 21.86 | 21.82 | 21.60 | | |
| 1.4 | 16QAM | 3 | 3 | 21.92 | 21.75 | 21.56 | | |
| 1.4 | 16QAM | 6 | 0 | 20.73 | 20.78 | 20.58 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.95 | 21.07 | 20.83 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.13 | 20.87 | 20.82 | | |
| 1.4 | 64QAM | 1 | 5 | 21.06 | 21.06 | 20.98 | | |
| 1.4 | 64QAM | 3 | 0 | 20.95 | 20.83 | 20.74 | | |
| 1.4 | 64QAM | 3 | 1 | 20.82 | 20.85 | 20.71 | | |
| 1.4 | 64QAM | 3 | 3 | 20.89 | 20.70 | 20.70 | | |
| 1.4 | 64QAM | 6 | 0 | 19.81 | 19.79 | 19.63 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.56 | 17.66 | 17.76 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.74 | 17.62 | 17.80 | | |
| 1.4 | 256QAM | 1 | 5 | 17.60 | 17.56 | 17.61 | | |
| 1.4 | 256QAM | 3 | 0 | 17.73 | 17.62 | 17.49 | | |
| 1.4 | 256QAM | 3 | 1 | 17.63 | 17.60 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.58 | 17.63 | | |
| 1.4 | 256QAM | 6 | 0 | 17.51 | 17.54 | 17.57 | 19 | 5 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.40 | 22.34 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.16 | 22.24 | 22.25 | | |
| 20 | QPSK | 1 | 99 | 22.08 | 22.15 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.50 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.35 | 21.33 | 21.33 | | |
| 20 | QPSK | 50 | 50 | 21.27 | 21.35 | 21.35 | | |
| 20 | QPSK | 100 | 0 | 21.22 | 21.31 | 21.27 | | |
| 20 | 16QAM | 1 | 0 | 21.57 | 21.66 | 21.67 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.43 | 21.61 | 21.57 | | |
| 20 | 16QAM | 1 | 99 | 21.41 | 21.50 | 21.53 | | |
| 20 | 16QAM | 50 | 0 | 20.26 | 20.34 | 20.39 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.37 | 20.46 | | |
| 20 | 16QAM | 50 | 50 | 20.29 | 20.36 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.31 | 20.29 | 20.36 | | |
| 20 | 64QAM | 1 | 0 | 20.34 | 20.49 | 20.57 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.38 | 20.45 | 20.56 | | |
| 20 | 64QAM | 1 | 99 | 20.36 | 20.36 | 20.34 | | |
| 20 | 64QAM | 50 | 0 | 19.29 | 19.35 | 19.40 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.36 | 19.37 | 19.47 | | |
| 20 | 64QAM | 50 | 50 | 19.28 | 19.37 | 19.40 | | |
| 20 | 64QAM | 100 | 0 | 19.32 | 19.31 | 19.37 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.22 | 17.37 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.16 | 17.21 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.35 | 17.23 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.34 | 17.38 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.24 | 17.33 | | |
| 20 | 256QAM | 50 | 50 | 17.27 | 17.26 | 17.31 | | |
| 20 | 256QAM | 100 | 0 | 17.22 | 17.22 | 17.37 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.25 | 22.35 | 22.24 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.07 | 22.22 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.11 | 22.18 | 22.22 | | |
| 15 | QPSK | 36 | 0 | 21.41 | 21.45 | 21.32 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.26 | 21.27 | 21.31 | | |
| 15 | QPSK | 36 | 39 | 21.17 | 21.26 | 21.31 | | |
| 15 | QPSK | 75 | 0 | 21.12 | 21.28 | 21.30 | | |
| 15 | 16QAM | 1 | 0 | 21.52 | 21.61 | 21.67 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.38 | 21.63 | 21.50 | | |
| 15 | 16QAM | 1 | 74 | 21.45 | 21.44 | 21.50 | | |
| 15 | 16QAM | 36 | 0 | 20.19 | 20.28 | 20.29 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.32 | 20.41 | 20.39 | | |
| 15 | 16QAM | 36 | 39 | 20.26 | 20.40 | 20.42 | | |
| 15 | 16QAM | 75 | 0 | 20.30 | 20.33 | 20.38 | | |
| 15 | 64QAM | 1 | 0 | 20.25 | 20.41 | 20.51 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.28 | 20.45 | 20.46 | | |
| 15 | 64QAM | 1 | 74 | 20.36 | 20.36 | 20.24 | | |
| 15 | 64QAM | 36 | 0 | 19.26 | 19.28 | 19.40 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.28 | 19.47 | | |
| 15 | 64QAM | 36 | 39 | 19.20 | 19.31 | 19.38 | | |
| 15 | 64QAM | 75 | 0 | 19.28 | 19.26 | 19.36 | | |
| 15 | 256QAM | 1 | 0 | 17.13 | 17.26 | 17.42 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.14 | 17.15 | 17.23 | | |
| 15 | 256QAM | 1 | 74 | 17.26 | 17.14 | 17.39 | | |
| 15 | 256QAM | 36 | 0 | 17.29 | 17.38 | 17.40 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.13 | 17.16 | 17.25 | | |
| 15 | 256QAM | 36 | 39 | 17.23 | 17.23 | 17.29 | | |
| 15 | 256QAM | 75 | 0 | 17.14 | 17.19 | 17.36 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.21 | 22.33 | 22.37 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.17 | 22.24 | 22.29 | | |
| 10 | QPSK | 1 | 49 | 22.11 | 22.18 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.37 | 21.45 | 21.33 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.40 | 21.28 | 21.32 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.33 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.20 | 21.33 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.59 | 21.66 | 21.63 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.39 | 21.66 | 21.54 | | |
| 10 | 16QAM | 1 | 49 | 21.31 | 21.46 | 21.46 | | |
| 10 | 16QAM | 25 | 0 | 20.20 | 20.28 | 20.35 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.42 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.22 | 20.28 | 20.29 | | |
| 10 | 16QAM | 50 | 0 | 20.25 | 20.24 | 20.29 | | |
| 10 | 64QAM | 1 | 0 | 20.28 | 20.53 | 20.49 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.37 | 20.49 | 20.60 | | |
| 10 | 64QAM | 1 | 49 | 20.39 | 20.34 | 20.38 | | |
| 10 | 64QAM | 25 | 0 | 19.26 | 19.31 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.38 | 19.36 | 19.49 | | |
| 10 | 64QAM | 25 | 25 | 19.22 | 19.40 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.27 | 19.35 | | |
| 10 | 256QAM | 1 | 0 | 17.13 | 17.16 | 17.36 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.07 | 17.23 | 17.16 | | |
| 10 | 256QAM | 1 | 49 | 17.40 | 17.21 | 17.32 | | |
| 10 | 256QAM | 25 | 0 | 17.20 | 17.29 | 17.33 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.12 | 17.28 | 17.27 | | |
| 10 | 256QAM | 25 | 25 | 17.32 | 17.28 | 17.21 | | |
| 10 | 256QAM | 50 | 0 | 17.18 | 17.13 | 17.42 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.12 | 22.39 | 22.30 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.08 | 22.22 | 22.27 | | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.18 | 22.16 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.44 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.25 | 21.33 | 21.32 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.39 | 21.34 | | |
| 5 | QPSK | 25 | 0 | 21.14 | 21.22 | 21.29 | | |
| 5 | 16QAM | 1 | 0 | 21.58 | 21.67 | 21.59 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.37 | 21.64 | 21.54 | | |
| 5 | 16QAM | 1 | 24 | 21.34 | 21.49 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.30 | 20.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.24 | 20.40 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.33 | 20.29 | | |
| 5 | 16QAM | 25 | 0 | 20.25 | 20.29 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.32 | 20.51 | 20.58 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.28 | 20.39 | 20.55 | | |
| 5 | 64QAM | 1 | 24 | 20.35 | 20.37 | 20.31 | | |
| 5 | 64QAM | 12 | 0 | 19.28 | 19.38 | 19.33 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.40 | 19.29 | 19.41 | | |
| 5 | 64QAM | 12 | 13 | 19.22 | 19.28 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.31 | 19.32 | | |
| 5 | 256QAM | 1 | 0 | 17.21 | 17.12 | 17.39 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.10 | 17.26 | 17.20 | | |
| 5 | 256QAM | 1 | 24 | 17.37 | 17.20 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.29 | 17.39 | 17.36 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.15 | 17.21 | 17.24 | | |
| 5 | 256QAM | 12 | 13 | 17.17 | 17.27 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.18 | 17.21 | 17.39 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.17 | 22.34 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.13 | 22.14 | 22.26 | | |
| 3 | QPSK | 1 | 14 | 22.04 | 22.07 | 22.20 | | |
| 3 | QPSK | 8 | 0 | 21.39 | 21.55 | 21.43 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.33 | 21.26 | 21.31 | | |
| 3 | QPSK | 8 | 7 | 21.17 | 21.36 | 21.38 | | |
| 3 | QPSK | 15 | 0 | 21.18 | 21.32 | 21.17 | | |
| 3 | 16QAM | 1 | 0 | 21.62 | 21.64 | 21.72 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.40 | 21.53 | 21.47 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.43 | 21.58 | | |
| 3 | 16QAM | 8 | 0 | 20.30 | 20.27 | 20.36 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.30 | 20.41 | 20.39 | | |
| 3 | 16QAM | 8 | 7 | 20.20 | 20.29 | 20.40 | | |
| 3 | 16QAM | 15 | 0 | 20.35 | 20.31 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.28 | 20.46 | 20.52 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.42 | 20.44 | 20.51 | | |
| 3 | 64QAM | 1 | 14 | 20.33 | 20.32 | 20.28 | | |
| 3 | 64QAM | 8 | 0 | 19.33 | 19.37 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.40 | 19.44 | | |
| 3 | 64QAM | 8 | 7 | 19.31 | 19.36 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.23 | 19.38 | | |
| 3 | 256QAM | 1 | 0 | 17.19 | 17.19 | 17.36 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.18 | 17.22 | 17.08 | | |
| 3 | 256QAM | 1 | 14 | 17.40 | 17.13 | 17.33 | | |
| 3 | 256QAM | 8 | 0 | 17.28 | 17.30 | 17.36 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.05 | 17.22 | 17.27 | | |
| 3 | 256QAM | 8 | 7 | 17.18 | 17.19 | 17.28 | | |
| 3 | 256QAM | 15 | 0 | 17.16 | 17.25 | 17.32 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.12 | 22.31 | 22.33 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.19 | 22.18 | 22.17 | | |
| 1.4 | QPSK | 1 | 5 | 22.08 | 22.17 | 22.09 | | |
| 1.4 | QPSK | 3 | 0 | 22.06 | 22.19 | 22.11 | | |
| 1.4 | QPSK | 3 | 1 | 22.10 | 22.08 | 22.07 | | |
| 1.4 | QPSK | 3 | 3 | 22.06 | 22.05 | 22.01 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.22 | 21.27 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.60 | 21.61 | 21.67 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.48 | 21.52 | 21.52 | | |
| 1.4 | 16QAM | 1 | 5 | 21.39 | 21.42 | 21.47 | | |
| 1.4 | 16QAM | 3 | 0 | 21.30 | 21.38 | 21.41 | | |
| 1.4 | 16QAM | 3 | 1 | 21.26 | 21.27 | 21.50 | | |
| 1.4 | 16QAM | 3 | 3 | 21.26 | 21.30 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.34 | 20.30 | 20.40 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.34 | 20.50 | 20.62 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.39 | 20.50 | 20.47 | | |
| 1.4 | 64QAM | 1 | 5 | 20.39 | 20.32 | 20.33 | | |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.30 | 20.41 | | |
| 1.4 | 64QAM | 3 | 1 | 20.27 | 20.42 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.19 | 20.27 | 20.43 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.35 | 19.33 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.13 | 17.27 | 17.30 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.08 | 17.25 | 17.22 | | |
| 1.4 | 256QAM | 1 | 5 | 17.27 | 17.22 | 17.29 | | |
| 1.4 | 256QAM | 3 | 0 | 17.30 | 17.33 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.06 | 17.23 | 17.31 | | |
| 1.4 | 256QAM | 3 | 3 | 17.25 | 17.22 | 17.32 | | |
| 1.4 | 256QAM | 6 | 0 | 17.22 | 17.21 | 17.27 | 19 | 5 |

## Band 4_Ant 4

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.31 | 22.64 | 22.54 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.20 | 22.47 | 22.27 | | |
| 20 | QPSK | 1 | 99 | 22.14 | 22.39 | 22.28 | | |
| 20 | QPSK | 50 | 0 | 21.74 | 21.80 | 21.75 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.48 | 21.41 | 21.46 | | |
| 20 | QPSK | 50 | 50 | 21.45 | 21.46 | 21.46 | | |
| 20 | QPSK | 100 | 0 | 21.52 | 21.60 | 21.51 | | |
| 20 | 16QAM | 1 | 0 | 21.67 | 21.75 | 21.70 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.89 | 21.52 | 21.55 | | |
| 20 | 16QAM | 1 | 99 | 21.89 | 21.54 | 21.58 | | |
| 20 | 16QAM | 50 | 0 | 20.47 | 20.54 | 20.53 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.55 | 20.54 | 20.43 | | |
| 20 | 16QAM | 50 | 50 | 20.51 | 20.47 | 20.48 | | |
| 20 | 16QAM | 100 | 0 | 20.47 | 20.50 | 20.35 | | |
| 20 | 64QAM | 1 | 0 | 20.45 | 20.73 | 20.75 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.51 | 20.71 | 20.78 | | |
| 20 | 64QAM | 1 | 99 | 20.49 | 20.55 | 20.75 | | |
| 20 | 64QAM | 50 | 0 | 19.51 | 19.54 | 19.44 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.61 | 19.46 | 19.55 | | |
| 20 | 64QAM | 50 | 50 | 19.61 | 19.48 | 19.47 | | |
| 20 | 64QAM | 100 | 0 | 19.52 | 19.47 | 19.42 | | |
| 20 | 256QAM | 1 | 0 | 17.50 | 17.42 | 17.43 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.44 | 17.40 | 17.34 | | |
| 20 | 256QAM | 1 | 99 | 17.53 | 17.45 | 17.38 | | |
| 20 | 256QAM | 50 | 0 | 17.42 | 17.41 | 17.37 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.50 | 17.51 | 17.45 | | |
| 20 | 256QAM | 50 | 50 | 17.42 | 17.48 | 17.56 | | |
| 20 | 256QAM | 100 | 0 | 17.53 | 17.54 | 17.47 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.22 | 22.63 | 22.45 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.13 | 22.44 | 22.28 | | |
| 15 | QPSK | 1 | 74 | 22.06 | 22.41 | 22.24 | | |
| 15 | QPSK | 36 | 0 | 21.71 | 21.85 | 21.72 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.45 | 21.34 | 21.41 | | |
| 15 | QPSK | 36 | 39 | 21.45 | 21.46 | 21.39 | | |
| 15 | QPSK | 75 | 0 | 21.44 | 21.60 | 21.54 | | |
| 15 | 16QAM | 1 | 0 | 21.65 | 21.68 | 21.71 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.87 | 21.42 | 21.57 | | |
| 15 | 16QAM | 1 | 74 | 21.93 | 21.46 | 21.59 | | |
| 15 | 16QAM | 36 | 0 | 20.38 | 20.56 | 20.52 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.50 | 20.59 | 20.35 | | |
| 15 | 16QAM | 36 | 39 | 20.44 | 20.38 | 20.46 | | |
| 15 | 16QAM | 75 | 0 | 20.49 | 20.40 | 20.34 | | |
| 15 | 64QAM | 1 | 0 | 20.49 | 20.66 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.55 | 20.70 | 20.79 | | |
| 15 | 64QAM | 1 | 74 | 20.53 | 20.51 | 20.71 | | |
| 15 | 64QAM | 36 | 0 | 19.45 | 19.56 | 19.46 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.37 | 19.48 | | |
| 15 | 64QAM | 36 | 39 | 19.55 | 19.51 | 19.41 | | |
| 15 | 64QAM | 75 | 0 | 19.49 | 19.37 | 19.42 | | |
| 15 | 256QAM | 1 | 0 | 17.55 | 17.36 | 17.47 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.49 | 17.44 | 17.28 | | |
| 15 | 256QAM | 1 | 74 | 17.43 | 17.40 | 17.42 | | |
| 15 | 256QAM | 36 | 0 | 17.37 | 17.36 | 17.27 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.40 | 17.49 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.43 | 17.48 | 17.52 | | |
| 15 | 256QAM | 75 | 0 | 17.48 | 17.48 | 17.48 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.24 | 22.59 | 22.58 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.23 | 22.48 | 22.18 | | |
| 10 | QPSK | 1 | 49 | 22.04 | 22.30 | 22.22 | | |
| 10 | QPSK | 25 | 0 | 21.74 | 21.73 | 21.79 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.51 | 21.43 | 21.41 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.43 | 21.41 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.58 | 21.42 | | |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.74 | 21.62 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.82 | 21.54 | 21.46 | | |
| 10 | 16QAM | 1 | 49 | 21.94 | 21.45 | 21.57 | | |
| 10 | 16QAM | 25 | 0 | 20.51 | 20.55 | 20.58 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.49 | 20.59 | 20.41 | | |
| 10 | 16QAM | 25 | 25 | 20.48 | 20.37 | 20.51 | | |
| 10 | 16QAM | 50 | 0 | 20.45 | 20.45 | 20.38 | | |
| 10 | 64QAM | 1 | 0 | 20.42 | 20.67 | 20.78 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.46 | 20.68 | 20.72 | | |
| 10 | 64QAM | 1 | 49 | 20.39 | 20.55 | 20.67 | | |
| 10 | 64QAM | 25 | 0 | 19.44 | 19.47 | 19.36 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.57 | 19.51 | 19.48 | | |
| 10 | 64QAM | 25 | 25 | 19.52 | 19.53 | 19.49 | | |
| 10 | 64QAM | 50 | 0 | 19.54 | 19.38 | 19.35 | | |
| 10 | 256QAM | 1 | 0 | 17.46 | 17.43 | 17.39 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.46 | 17.41 | 17.39 | | |
| 10 | 256QAM | 1 | 49 | 17.58 | 17.35 | 17.32 | | |
| 10 | 256QAM | 25 | 0 | 17.46 | 17.32 | 17.41 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.42 | 17.47 | 17.42 | | |
| 10 | 256QAM | 25 | 25 | 17.45 | 17.44 | 17.55 | | |
| 10 | 256QAM | 50 | 0 | 17.47 | 17.46 | 17.37 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.30 | 22.62 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.13 | 22.48 | 22.24 | | |
| 5 | QPSK | 1 | 24 | 22.19 | 22.30 | 22.20 | | |
| 5 | QPSK | 12 | 0 | 21.78 | 21.75 | 21.68 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.47 | 21.31 | 21.39 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.37 | 21.50 | | |
| 5 | QPSK | 25 | 0 | 21.49 | 21.62 | 21.56 | | |
| 5 | 16QAM | 1 | 0 | 21.62 | 21.80 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.87 | 21.46 | 21.54 | | |
| 5 | 16QAM | 1 | 24 | 21.81 | 21.47 | 21.57 | | |
| 5 | 16QAM | 12 | 0 | 20.49 | 20.49 | 20.51 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.60 | 20.50 | 20.43 | | |
| 5 | 16QAM | 12 | 13 | 20.46 | 20.37 | 20.47 | | |
| 5 | 16QAM | 25 | 0 | 20.43 | 20.40 | 20.40 | | |
| 5 | 64QAM | 1 | 0 | 20.42 | 20.68 | 20.66 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.64 | 20.80 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.54 | 20.70 | | |
| 5 | 64QAM | 12 | 0 | 19.49 | 19.47 | 19.44 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.52 | 19.51 | 19.55 | | |
| 5 | 64QAM | 12 | 13 | 19.61 | 19.53 | 19.52 | | |
| 5 | 64QAM | 25 | 0 | 19.46 | 19.39 | 19.34 | | |
| 5 | 256QAM | 1 | 0 | 17.44 | 17.43 | 17.33 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.37 | 17.31 | | |
| 5 | 256QAM | 1 | 24 | 17.47 | 17.44 | 17.31 | | |
| 5 | 256QAM | 12 | 0 | 17.44 | 17.39 | 17.42 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.43 | 17.51 | 17.49 | | |
| 5 | 256QAM | 12 | 13 | 17.32 | 17.42 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.48 | 17.51 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.62 | 22.48 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.18 | 22.50 | 22.25 | | |
| 3 | QPSK | 1 | 14 | 22.13 | 22.31 | 22.28 | | |
| 3 | QPSK | 8 | 0 | 21.71 | 21.83 | 21.70 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.45 | 21.38 | | |
| 3 | QPSK | 8 | 7 | 21.43 | 21.49 | 21.49 | | |
| 3 | QPSK | 15 | 0 | 21.53 | 21.55 | 21.48 | | |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.76 | 21.64 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.79 | 21.47 | 21.48 | | |
| 3 | 16QAM | 1 | 14 | 21.91 | 21.58 | 21.49 | | |
| 3 | 16QAM | 8 | 0 | 20.40 | 20.45 | 20.51 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.57 | 20.57 | 20.46 | | |
| 3 | 16QAM | 8 | 7 | 20.55 | 20.38 | 20.41 | | |
| 3 | 16QAM | 15 | 0 | 20.40 | 20.42 | 20.30 | | |
| 3 | 64QAM | 1 | 0 | 20.49 | 20.63 | 20.68 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.47 | 20.76 | 20.76 | | |
| 3 | 64QAM | 1 | 14 | 20.52 | 20.49 | 20.73 | | |
| 3 | 64QAM | 8 | 0 | 19.53 | 19.55 | 19.47 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.52 | 19.45 | 19.60 | | |
| 3 | 64QAM | 8 | 7 | 19.55 | 19.46 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.56 | 19.41 | 19.47 | | |
| 3 | 256QAM | 1 | 0 | 17.53 | 17.32 | 17.43 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.35 | 17.39 | 17.34 | | |
| 3 | 256QAM | 1 | 14 | 17.49 | 17.36 | 17.32 | | |
| 3 | 256QAM | 8 | 0 | 17.40 | 17.42 | 17.29 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.53 | 17.56 | 17.47 | | |
| 3 | 256QAM | 8 | 7 | 17.32 | 17.48 | 17.53 | | |
| 3 | 256QAM | 15 | 0 | 17.54 | 17.55 | 17.50 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.34 | 22.61 | 22.52 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.20 | 22.45 | 22.17 | | |
| 1.4 | QPSK | 1 | 5 | 22.08 | 22.37 | 22.27 | | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.43 | 22.37 | | |
| 1.4 | QPSK | 3 | 1 | 22.20 | 22.12 | 22.13 | | |
| 1.4 | QPSK | 3 | 3 | 22.20 | 22.10 | 22.21 | | |
| 1.4 | QPSK | 6 | 0 | 21.47 | 21.53 | 21.52 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.70 | 21.65 | 21.67 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.85 | 21.44 | 21.46 | | |
| 1.4 | 16QAM | 1 | 5 | 21.88 | 21.47 | 21.49 | | |
| 1.4 | 16QAM | 3 | 0 | 21.39 | 21.56 | 21.49 | | |
| 1.4 | 16QAM | 3 | 1 | 21.48 | 21.56 | 21.43 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.41 | 21.45 | | |
| 1.4 | 16QAM | 6 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.48 | 20.68 | 20.71 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.49 | 20.66 | 20.80 | | |
| 1.4 | 64QAM | 1 | 5 | 20.40 | 20.52 | 20.78 | | |
| 1.4 | 64QAM | 3 | 0 | 20.53 | 20.52 | 20.38 | | |
| 1.4 | 64QAM | 3 | 1 | 20.62 | 20.44 | 20.51 | | |
| 1.4 | 64QAM | 3 | 3 | 20.59 | 20.40 | 20.45 | | |
| 1.4 | 64QAM | 6 | 0 | 19.46 | 19.49 | 19.36 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.54 | 17.33 | 17.35 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.34 | 17.30 | 17.32 | | |
| 1.4 | 256QAM | 1 | 5 | 17.48 | 17.39 | 17.40 | | |
| 1.4 | 256QAM | 3 | 0 | 17.45 | 17.37 | 17.29 | | |
| 1.4 | 256QAM | 3 | 1 | 17.41 | 17.42 | 17.47 | | |
| 1.4 | 256QAM | 3 | 3 | 17.40 | 17.53 | 17.61 | | |
| 1.4 | 256QAM | 6 | 0 | 17.43 | 17.56 | 17.42 | 19 | 5 |

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.44 | 22.31 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.38 | 22.30 | 22.26 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.19 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.55 | 21.61 | 21.46 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.50 | 21.49 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.54 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.56 | 21.55 | | |
| 10 | 16QAM | 1 | 0 | 21.96 | 21.91 | 21.90 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.78 | 21.84 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 22.06 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.70 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.61 | 19.47 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.53 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.49 | 19.40 | | |
| 10 | 256QAM | 1 | 0 | 17.66 | 17.71 | 17.63 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.79 | 17.68 | | |
| 10 | 256QAM | 1 | 49 | 17.83 | 17.91 | 17.82 | | |
| 10 | 256QAM | 25 | 0 | 17.61 | 17.66 | 17.55 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.65 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.61 | 17.71 | 17.67 | | |
| 10 | 256QAM | 50 | 0 | 17.56 | 17.61 | 17.55 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.34 | 22.38 | 22.23 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.20 | 22.17 | | |
| 5 | QPSK | 1 | 24 | 22.20 | 22.17 | 22.20 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.62 | 21.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.50 | 21.51 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.54 | 21.29 | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.56 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 22.00 | 21.93 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.82 | 21.86 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.70 | 22.06 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 20.54 | 20.49 | 20.57 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.50 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.43 | 20.47 | 20.47 | | |
| 5 | 16QAM | 25 | 0 | 20.61 | 20.50 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.59 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.41 | 20.52 | 20.58 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.79 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 19.57 | 19.52 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.56 | 19.46 | 19.46 | | |
| 5 | 64QAM | 12 | 13 | 19.46 | 19.57 | 19.49 | | |
| 5 | 64QAM | 25 | 0 | 19.58 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.61 | 17.55 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.61 | 17.75 | 17.65 | | |
| 5 | 256QAM | 1 | 24 | 17.78 | 17.86 | 17.74 | | |
| 5 | 256QAM | 12 | 0 | 17.56 | 17.56 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.41 | 17.53 | 17.52 | | |
| 5 | 256QAM | 12 | 13 | 17.49 | 17.66 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.58 | 17.45 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.38 | 22.36 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.40 | 22.31 | 22.17 | | |
| 3 | QPSK | 1 | 14 | 22.17 | 22.12 | 22.10 | | |
| 3 | QPSK | 8 | 0 | 21.55 | 21.62 | 21.49 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.52 | 21.47 | 21.48 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.58 | 21.30 | | |
| 3 | QPSK | 15 | 0 | 21.54 | 21.57 | 21.58 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 21.83 | 21.83 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.81 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.70 | 22.04 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.65 | 20.48 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.61 | 20.49 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.47 | 20.32 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.45 | 20.41 | | |
| 3 | 64QAM | 1 | 0 | 20.55 | 20.56 | 20.60 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.43 | 20.62 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.52 | 20.77 | 20.61 | | |
| 3 | 64QAM | 8 | 0 | 19.57 | 19.44 | 19.54 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.58 | 19.54 | | |
| 3 | 64QAM | 8 | 7 | 19.52 | 19.57 | 19.45 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.46 | 19.31 | | |
| 3 | 256QAM | 1 | 0 | 17.58 | 17.65 | 17.52 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.70 | 17.77 | 17.56 | | |
| 3 | 256QAM | 1 | 14 | 17.80 | 17.85 | 17.74 | | |
| 3 | 256QAM | 8 | 0 | 17.55 | 17.58 | 17.44 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.48 | 17.63 | 17.44 | | |
| 3 | 256QAM | 8 | 7 | 17.54 | 17.64 | 17.61 | | |
| 3 | 256QAM | 15 | 0 | 17.50 | 17.55 | 17.51 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.42 | 22.42 | 22.35 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.41 | 22.33 | 22.22 | | |
| 1.4 | QPSK | 1 | 5 | 22.23 | 22.15 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.41 | 22.21 | | |
| 1.4 | QPSK | 3 | 1 | 22.35 | 22.34 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.23 | 22.30 | 22.14 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.60 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.01 | 21.82 | 21.95 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.73 | 21.80 | 21.84 | | |
| 1.4 | 16QAM | 1 | 5 | 21.67 | 21.99 | 21.91 | | |
| 1.4 | 16QAM | 3 | 0 | 21.59 | 21.43 | 21.56 | | |
| 1.4 | 16QAM | 3 | 1 | 21.51 | 21.42 | 21.51 | | |
| 1.4 | 16QAM | 3 | 3 | 21.45 | 21.44 | 21.39 | | |
| 1.4 | 16QAM | 6 | 0 | 20.69 | 20.53 | 20.40 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.58 | 20.62 | 20.65 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.41 | 20.53 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.64 | 20.64 | 20.54 | | |
| 1.4 | 64QAM | 3 | 0 | 20.58 | 20.41 | 20.50 | | |
| 1.4 | 64QAM | 3 | 1 | 20.66 | 20.48 | 20.60 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.59 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.53 | 19.43 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.63 | 17.68 | 17.53 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.68 | 17.64 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.81 | 17.80 | | |
| 1.4 | 256QAM | 3 | 0 | 17.54 | 17.55 | 17.50 | | |
| 1.4 | 256QAM | 3 | 1 | 17.50 | 17.54 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.54 | 17.64 | 17.59 | | |
| 1.4 | 256QAM | 6 | 0 | 17.53 | 17.53 | 17.45 | 19 | 5 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.35 | 22.42 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.25 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.14 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.29 | 21.37 | 21.22 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.27 | 21.24 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.19 | 21.20 | | |
| 10 | QPSK | 50 | 0 | 21.26 | 21.30 | 21.21 | | |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.24 | 21.44 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.55 | 21.46 | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.25 | 21.44 | | |
| 10 | 16QAM | 25 | 0 | 20.25 | 20.30 | 20.27 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.30 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.25 | 20.27 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.27 | 20.20 | | |
| 10 | 64QAM | 1 | 0 | 20.24 | 20.54 | 20.61 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.60 | 20.31 | 20.46 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.23 | 20.50 | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.38 | 19.17 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.27 | 19.27 | 19.28 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.30 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.30 | 19.27 | 19.22 | | |
| 10 | 256QAM | 1 | 0 | 17.32 | 17.40 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.31 | 17.38 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.18 | 17.30 | 17.23 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.33 | 17.26 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.27 | 17.36 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.33 | 17.24 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.72 | 17.62 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.27 | 22.30 | 22.22 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.13 | 22.15 | 22.22 | | |
| 5 | QPSK | 1 | 24 | 22.09 | 22.08 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.33 | 21.13 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.20 | 21.15 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.16 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.15 | | |
| 5 | 16QAM | 1 | 0 | 21.45 | 21.12 | 21.38 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.41 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 24 | 21.43 | 21.13 | 21.41 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.26 | 20.18 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.19 | 20.26 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.17 | 20.22 | 20.18 | | |
| 5 | 16QAM | 25 | 0 | 20.21 | 20.24 | 20.11 | | |
| 5 | 64QAM | 1 | 0 | 20.16 | 20.47 | 20.53 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.23 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.21 | 20.18 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.33 | 19.11 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.19 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.21 | 19.18 | 19.21 | | |
| 5 | 64QAM | 25 | 0 | 19.21 | 19.18 | 19.11 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.23 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.27 | 17.26 | 17.19 | | |
| 5 | 256QAM | 1 | 24 | 17.09 | 17.27 | 17.21 | | |
| 5 | 256QAM | 12 | 0 | 17.19 | 17.29 | 17.16 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.33 | 17.26 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.25 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.61 | 17.52 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.30 | 22.37 | 22.18 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.20 | 22.18 | | |
| 3 | QPSK | 1 | 14 | 22.07 | 22.03 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.25 | 21.18 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.18 | 21.14 | 21.14 | | |
| 3 | QPSK | 8 | 7 | 21.11 | 21.15 | 21.15 | | |
| 3 | QPSK | 15 | 0 | 21.19 | 21.24 | 21.11 | | |
| 3 | 16QAM | 1 | 0 | 21.51 | 21.17 | 21.42 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.39 | 21.43 | 21.39 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.22 | 21.34 | | |
| 3 | 16QAM | 8 | 0 | 20.17 | 20.24 | 20.18 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.13 | 20.22 | 20.13 | | |
| 3 | 16QAM | 8 | 7 | 20.16 | 20.23 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.23 | 20.18 | 20.09 | | |
| 3 | 64QAM | 1 | 0 | 20.17 | 20.47 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.50 | 20.24 | 20.39 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.11 | 20.41 | | |
| 3 | 64QAM | 8 | 0 | 19.23 | 19.35 | 19.13 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.21 | 19.20 | 19.26 | | |
| 3 | 64QAM | 8 | 7 | 19.22 | 19.26 | 19.18 | | |
| 3 | 64QAM | 15 | 0 | 19.27 | 19.20 | 19.19 | | |
| 3 | 256QAM | 1 | 0 | 17.22 | 17.35 | 17.21 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.23 | 17.35 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.09 | 17.26 | 17.18 | | |
| 3 | 256QAM | 8 | 0 | 17.10 | 17.21 | 17.24 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.21 | 17.28 | 17.21 | | |
| 3 | 256QAM | 8 | 7 | 17.18 | 17.22 | 17.15 | | |
| 3 | 256QAM | 15 | 0 | 17.49 | 17.65 | 17.52 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.24 | 22.35 | 22.22 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.17 | 22.20 | 22.19 | | |
| 1.4 | QPSK | 1 | 5 | 22.04 | 22.08 | 22.09 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.29 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.13 | 22.15 | 22.08 | | |
| 1.4 | QPSK | 3 | 3 | 22.00 | 22.00 | 22.04 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.27 | 21.19 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.13 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.47 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.44 | 21.17 | 21.41 | | |
| 1.4 | 16QAM | 3 | 0 | 21.37 | 21.01 | 21.29 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.38 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 21.32 | 21.06 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.18 | 20.19 | 20.15 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.43 | 20.52 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.23 | 20.42 | | |
| 1.4 | 64QAM | 1 | 5 | 20.25 | 20.21 | 20.41 | | |
| 1.4 | 64QAM | 3 | 0 | 20.09 | 20.37 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.51 | 20.19 | 20.37 | | |
| 1.4 | 64QAM | 3 | 3 | 20.20 | 20.09 | 20.31 | | |
| 1.4 | 64QAM | 6 | 0 | 19.24 | 19.23 | 19.10 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.24 | 17.36 | 17.22 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.23 | 17.34 | 17.28 | | |
| 1.4 | 256QAM | 1 | 5 | 17.07 | 17.20 | 17.16 | | |
| 1.4 | 256QAM | 3 | 0 | 17.15 | 17.24 | 17.23 | | |
| 1.4 | 256QAM | 3 | 1 | 17.24 | 17.27 | 17.22 | | |
| 1.4 | 256QAM | 3 | 3 | 17.20 | 17.25 | 17.18 | | |
| 1.4 | 256QAM | 6 | 0 | 17.56 | 17.70 | 17.58 | 19 | 5 |

## Band 7_Ant 1

| 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 | 22.54 | 22.64 | 22.50 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.46 | 22.55 | 22.49 | | |
| 20 | QPSK | 1 | 99 | 22.52 | 22.52 | 22.41 | | |
| 20 | QPSK | 50 | 0 | 21.89 | 22.05 | 21.78 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.87 | 21.85 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.82 | 21.75 | | |
| 20 | QPSK | 100 | 0 | 21.98 | 22.02 | 21.77 | | |
| 20 | 16QAM | 1 | 0 | 22.36 | 22.18 | 22.13 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.33 | 22.16 | | |
| 20 | 16QAM | 1 | 99 | 22.29 | 22.40 | 22.07 | | |
| 20 | 16QAM | 50 | 0 | 21.07 | 21.09 | 20.93 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 21.09 | 21.11 | 20.85 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.09 | 20.96 | | |
| 20 | 16QAM | 100 | 0 | 21.23 | 21.09 | 20.96 | | |
| 20 | 64QAM | 1 | 0 | 21.26 | 20.97 | 20.83 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.09 | 21.18 | 21.03 | | |
| 20 | 64QAM | 1 | 99 | 21.35 | 21.16 | 21.08 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.06 | 19.91 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.17 | 20.06 | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.08 | 19.90 | | |
| 20 | 64QAM | 100 | 0 | 20.17 | 20.04 | 19.96 | | |
| 20 | 256QAM | 1 | 0 | 17.93 | 17.76 | 17.72 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.92 | 17.87 | 17.89 | | |
| 20 | 256QAM | 1 | 99 | 17.85 | 17.93 | 17.96 | | |
| 20 | 256QAM | 50 | 0 | 17.71 | 17.70 | 17.68 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.83 | 17.79 | 17.85 | | |
| 20 | 256QAM | 50 | 50 | 17.77 | 17.65 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.77 | 17.79 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.49 | 22.50 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.42 | 22.51 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.51 | 22.47 | 22.42 | | |
| 15 | QPSK | 36 | 0 | 21.72 | 21.91 | 21.72 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.74 | 21.83 | 21.57 | | |
| 15 | QPSK | 36 | 39 | 21.77 | 21.84 | 21.64 | | |
| 15 | QPSK | 75 | 0 | 21.88 | 21.94 | 21.79 | | |
| 15 | 16QAM | 1 | 0 | 22.32 | 22.18 | 21.98 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.21 | 22.31 | 22.12 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.30 | 22.07 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.01 | 20.85 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 21.11 | 21.10 | 20.81 | | |
| 15 | 16QAM | 36 | 39 | 21.01 | 21.05 | 20.88 | | |
| 15 | 16QAM | 75 | 0 | 21.14 | 21.00 | 20.84 | | |
| 15 | 64QAM | 1 | 0 | 21.10 | 20.88 | 20.76 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.07 | 21.15 | 20.99 | | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.09 | 20.92 | | |
| 15 | 64QAM | 36 | 0 | 20.07 | 20.03 | 19.86 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.05 | 20.04 | 19.90 | | |
| 15 | 64QAM | 36 | 39 | 20.02 | 20.03 | 19.87 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 19.98 | 19.78 | | |
| 15 | 256QAM | 1 | 0 | 17.88 | 17.73 | 17.69 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.82 | 17.78 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 17.86 | 17.86 | | |
| 15 | 256QAM | 36 | 0 | 17.66 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.74 | 17.74 | | |
| 15 | 256QAM | 36 | 39 | 17.81 | 17.67 | 17.76 | | |
| 15 | 256QAM | 75 | 0 | 17.72 | 17.60 | 17.68 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.50 | 22.40 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.48 | 22.43 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.37 | | |
| 10 | QPSK | 25 | 0 | 21.81 | 21.91 | 21.63 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.76 | 21.88 | 21.57 | | |
| 10 | QPSK | 25 | 25 | 21.81 | 21.86 | 21.63 | | |
| 10 | QPSK | 50 | 0 | 21.85 | 21.90 | 21.81 | | |
| 10 | 16QAM | 1 | 0 | 22.25 | 22.19 | 21.96 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.20 | 22.22 | 22.12 | | |
| 10 | 16QAM | 1 | 49 | 22.21 | 22.27 | 22.05 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.01 | 20.85 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 21.03 | 21.08 | 20.81 | | |
| 10 | 16QAM | 25 | 25 | 21.04 | 21.10 | 20.81 | | |
| 10 | 16QAM | 50 | 0 | 21.08 | 20.98 | 20.88 | | |
| 10 | 64QAM | 1 | 0 | 21.15 | 20.90 | 20.69 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.07 | 21.13 | 20.89 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.01 | 20.99 | | |
| 10 | 64QAM | 25 | 0 | 20.07 | 20.08 | 19.90 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.11 | 20.05 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.09 | 19.90 | | |
| 10 | 64QAM | 50 | 0 | 20.16 | 19.95 | 19.81 | | |
| 10 | 256QAM | 1 | 0 | 17.93 | 17.74 | 17.72 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.77 | 17.80 | | |
| 10 | 256QAM | 1 | 49 | 17.79 | 17.84 | 17.86 | | |
| 10 | 256QAM | 25 | 0 | 17.67 | 17.58 | 17.50 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.76 | 17.68 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.64 | 17.81 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.63 | 17.68 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.56 | 22.59 | 22.37 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.46 | 22.51 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.48 | 22.44 | 22.39 | | |
| 5 | QPSK | 12 | 0 | 21.76 | 21.96 | 21.63 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.82 | 21.84 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.80 | 21.77 | 21.69 | | |
| 5 | QPSK | 25 | 0 | 21.88 | 21.96 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.26 | 22.16 | 21.99 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.22 | 22.28 | 22.08 | | |
| 5 | 16QAM | 1 | 24 | 22.26 | 22.24 | 22.04 | | |
| 5 | 16QAM | 12 | 0 | 20.98 | 20.99 | 20.84 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.03 | 20.85 | | |
| 5 | 16QAM | 12 | 13 | 21.00 | 21.02 | 20.90 | | |
| 5 | 16QAM | 25 | 0 | 21.12 | 20.97 | 20.85 | | |
| 5 | 64QAM | 1 | 0 | 21.17 | 20.94 | 20.68 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.10 | 21.15 | 20.98 | | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.09 | 20.91 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.04 | 19.89 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 20.08 | 20.13 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 20.10 | 20.09 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.18 | 19.97 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 17.88 | 17.72 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.84 | 17.85 | | |
| 5 | 256QAM | 1 | 24 | 17.81 | 17.78 | 17.92 | | |
| 5 | 256QAM | 12 | 0 | 17.68 | 17.58 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.76 | 17.74 | 17.79 | | |
| 5 | 256QAM | 12 | 13 | 17.71 | 17.63 | 17.78 | | |
| 5 | 256QAM | 25 | 0 | 17.79 | 17.61 | 17.71 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.39 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.54 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.51 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.89 | 21.86 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.62 | 21.69 | 21.80 | | |
| 10 | 16QAM | 1 | 49 | 21.90 | 21.75 | 21.85 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.56 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.55 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.52 | 20.48 | 20.53 | | |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.60 | 20.57 | | |
| 10 | 64QAM | 1 | 0 | 20.73 | 20.68 | 20.46 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.62 | 20.58 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.84 | 20.75 | 20.88 | | |
| 10 | 64QAM | 25 | 0 | 19.53 | 19.51 | 19.45 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.57 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.57 | 19.51 | 19.52 | | |
| 10 | 64QAM | 50 | 0 | 19.67 | 19.48 | 19.63 | | |
| 10 | 256QAM | 1 | 0 | 17.59 | 17.69 | 17.78 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.53 | 17.55 | 17.57 | | |
| 10 | 256QAM | 1 | 49 | 17.62 | 17.59 | 17.72 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.62 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.62 | 17.73 | | |
| 10 | 256QAM | 25 | 25 | 17.62 | 17.64 | 17.61 | | |
| 10 | 256QAM | 50 | 0 | 17.65 | 17.63 | 17.69 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.43 | 22.54 | 22.51 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.29 | 22.41 | | |
| 5 | QPSK | 1 | 24 | 22.40 | 22.41 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 21.49 | 21.66 | 21.51 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.47 | 21.47 | | |
| 5 | QPSK | 12 | 13 | 21.48 | 21.40 | 21.55 | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.45 | 21.43 | | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.92 | 21.86 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.56 | 21.72 | 21.73 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.74 | 21.78 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.61 | 20.44 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.56 | 20.57 | | |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.50 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.59 | 20.62 | | |
| 5 | 64QAM | 1 | 0 | 20.67 | 20.71 | 20.51 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.59 | 20.59 | 20.63 | | |
| 5 | 64QAM | 1 | 24 | 20.82 | 20.68 | 20.92 | | |
| 5 | 64QAM | 12 | 0 | 19.55 | 19.49 | 19.43 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.71 | 19.47 | 19.47 | | |
| 5 | 64QAM | 12 | 13 | 19.52 | 19.56 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.46 | 19.66 | | |
| 5 | 256QAM | 1 | 0 | 17.57 | 17.74 | 17.76 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.50 | 17.51 | 17.62 | | |
| 5 | 256QAM | 1 | 24 | 17.67 | 17.55 | 17.77 | | |
| 5 | 256QAM | 12 | 0 | 17.64 | 17.55 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.67 | 17.70 | | |
| 5 | 256QAM | 12 | 13 | 17.63 | 17.66 | 17.60 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.61 | 17.63 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.50 | 22.48 | 22.52 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.42 | 22.44 | 22.46 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.43 | 22.23 | | |
| 3 | QPSK | 8 | 0 | 21.44 | 21.56 | 21.48 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.49 | 21.54 | 21.37 | | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.37 | 21.48 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.46 | 21.49 | | |
| 3 | 16QAM | 1 | 0 | 21.75 | 21.93 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.62 | 21.60 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.95 | 21.71 | 21.86 | | |
| 3 | 16QAM | 8 | 0 | 20.37 | 20.59 | 20.53 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.50 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.52 | 20.49 | | |
| 3 | 16QAM | 15 | 0 | 20.50 | 20.55 | 20.61 | | |
| 3 | 64QAM | 1 | 0 | 20.64 | 20.64 | 20.36 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.56 | 20.51 | 20.67 | | |
| 3 | 64QAM | 1 | 14 | 20.86 | 20.68 | 20.82 | | |
| 3 | 64QAM | 8 | 0 | 19.52 | 19.46 | 19.46 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.61 | 19.52 | 19.48 | | |
| 3 | 64QAM | 8 | 7 | 19.49 | 19.41 | 19.44 | | |
| 3 | 64QAM | 15 | 0 | 19.68 | 19.43 | 19.55 | | |
| 3 | 256QAM | 1 | 0 | 17.62 | 17.71 | 17.70 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.53 | 17.60 | 17.57 | | |
| 3 | 256QAM | 1 | 14 | 17.60 | 17.59 | 17.76 | | |
| 3 | 256QAM | 8 | 0 | 17.77 | 17.66 | 17.51 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.72 | 17.55 | 17.66 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.59 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.61 | 17.55 | 17.74 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.48 | 22.42 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.35 | 22.44 | 22.49 | | |
| 1.4 | QPSK | 1 | 5 | 22.42 | 22.33 | 22.13 | | |
| 1.4 | QPSK | 3 | 0 | 22.30 | 22.48 | 22.36 | | |
| 1.4 | QPSK | 3 | 1 | 22.36 | 22.33 | 22.24 | | |
| 1.4 | QPSK | 3 | 3 | 22.35 | 22.29 | 22.31 | | |
| 1.4 | QPSK | 6 | 0 | 21.40 | 21.48 | 21.43 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.72 | 21.87 | 21.89 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.53 | 21.70 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.80 | 21.71 | 21.76 | | |
| 1.4 | 16QAM | 3 | 0 | 21.39 | 21.55 | 21.48 | | |
| 1.4 | 16QAM | 3 | 1 | 21.65 | 21.52 | 21.58 | | |
| 1.4 | 16QAM | 3 | 3 | 21.53 | 21.51 | 21.45 | | |
| 1.4 | 16QAM | 6 | 0 | 20.50 | 20.56 | 20.54 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.76 | 20.58 | 20.41 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.67 | 20.54 | 20.58 | | |
| 1.4 | 64QAM | 1 | 5 | 20.85 | 20.75 | 20.89 | | |
| 1.4 | 64QAM | 3 | 0 | 20.43 | 20.41 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.71 | 20.58 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.55 | 20.52 | 20.57 | | |
| 1.4 | 64QAM | 6 | 0 | 19.62 | 19.50 | 19.56 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.65 | 17.76 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.45 | 17.51 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.61 | 17.59 | 17.69 | | |
| 1.4 | 256QAM | 3 | 0 | 17.77 | 17.58 | 17.57 | | |
| 1.4 | 256QAM | 3 | 1 | 17.67 | 17.65 | 17.78 | | |
| 1.4 | 256QAM | 3 | 3 | 17.59 | 17.63 | 17.62 | | |
| 1.4 | 256QAM | 6 | 0 | 17.62 | 17.59 | 17.67 | 19 | 5 |

## Band 12_Ant 4

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.37 | 22.55 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.32 | 22.38 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.24 | 22.23 | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.64 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.39 | 21.46 | 21.34 | | |
| 10 | QPSK | 25 | 25 | 21.36 | 21.48 | 21.40 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.46 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.58 | 21.66 | 21.81 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.51 | 21.72 | | |
| 10 | 16QAM | 1 | 49 | 21.75 | 21.56 | 21.91 | | |
| 10 | 16QAM | 25 | 0 | 20.41 | 20.47 | 20.30 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.39 | 20.35 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.45 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.36 | 20.40 | | |
| 10 | 64QAM | 1 | 0 | 20.71 | 20.68 | 20.76 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.46 | 20.44 | 20.42 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.47 | 20.42 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.47 | 19.44 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.56 | 19.35 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.47 | 19.40 | | |
| 10 | 64QAM | 50 | 0 | 19.45 | 19.42 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.64 | 17.51 | 17.41 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.41 | 17.45 | 17.50 | | |
| 10 | 256QAM | 1 | 49 | 17.55 | 17.45 | 17.48 | | |
| 10 | 256QAM | 25 | 0 | 17.39 | 17.44 | 17.59 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.57 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.32 | 17.42 | 17.39 | | |
| 10 | 256QAM | 50 | 0 | 17.57 | 17.58 | 17.71 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.50 | 22.34 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.35 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.02 | 22.23 | 22.22 | | |
| 5 | QPSK | 12 | 0 | 21.35 | 21.64 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.31 | 21.45 | 21.24 | | |
| 5 | QPSK | 12 | 13 | 21.27 | 21.42 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.43 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.50 | 21.67 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.68 | 21.50 | 21.74 | | |
| 5 | 16QAM | 1 | 24 | 21.68 | 21.46 | 21.96 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.40 | 20.29 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.31 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.48 | 20.36 | 20.34 | | |
| 5 | 16QAM | 25 | 0 | 20.49 | 20.30 | 20.40 | | |
| 5 | 64QAM | 1 | 0 | 20.61 | 20.72 | 20.73 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.51 | 20.38 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.44 | 20.41 | 20.39 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.39 | 19.42 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.59 | 19.33 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.49 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.36 | 19.48 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.49 | 17.35 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.36 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.53 | 17.47 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.34 | 17.34 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.61 | 17.62 | 17.63 | | |
| 5 | 256QAM | 12 | 13 | 17.28 | 17.40 | 17.32 | | |
| 5 | 256QAM | 25 | 0 | 17.59 | 17.57 | 17.71 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.39 | 22.45 | 22.30 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.33 | 22.40 | 22.16 | | |
| 3 | QPSK | 1 | 14 | 22.02 | 22.16 | 22.20 | | |
| 3 | QPSK | 8 | 0 | 21.39 | 21.68 | 21.45 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.43 | 21.50 | 21.24 | | |
| 3 | QPSK | 8 | 7 | 21.33 | 21.43 | 21.42 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.49 | 21.27 | | |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.56 | 21.71 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.72 | 21.42 | 21.67 | | |
| 3 | 16QAM | 1 | 14 | 21.65 | 21.48 | 21.89 | | |
| 3 | 16QAM | 8 | 0 | 20.35 | 20.47 | 20.29 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.37 | 20.26 | 20.49 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.45 | 20.34 | | |
| 3 | 16QAM | 15 | 0 | 20.39 | 20.32 | 20.31 | | |
| 3 | 64QAM | 1 | 0 | 20.72 | 20.63 | 20.77 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.44 | 20.36 | 20.43 | | |
| 3 | 64QAM | 1 | 14 | 20.48 | 20.37 | 20.45 | | |
| 3 | 64QAM | 8 | 0 | 19.53 | 19.37 | 19.43 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.54 | 19.26 | 19.58 | | |
| 3 | 64QAM | 8 | 7 | 19.46 | 19.44 | 19.43 | | |
| 3 | 64QAM | 15 | 0 | 19.39 | 19.44 | 19.44 | | |
| 3 | 256QAM | 1 | 0 | 17.61 | 17.45 | 17.45 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.35 | 17.38 | 17.41 | | |
| 3 | 256QAM | 1 | 14 | 17.57 | 17.41 | 17.50 | | |
| 3 | 256QAM | 8 | 0 | 17.33 | 17.37 | 17.64 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.73 | 17.52 | 17.53 | | |
| 3 | 256QAM | 8 | 7 | 17.35 | 17.47 | 17.30 | | |
| 3 | 256QAM | 15 | 0 | 17.56 | 17.58 | 17.63 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.41 | 22.50 | 22.20 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.23 | 22.37 | 22.21 | | |
| 1.4 | QPSK | 1 | 5 | 22.15 | 22.17 | 22.19 | | |
| 1.4 | QPSK | 3 | 0 | 22.22 | 22.41 | 22.24 | | |
| 1.4 | QPSK | 3 | 1 | 22.10 | 22.17 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.11 | 22.25 | 22.11 | | |
| 1.4 | QPSK | 6 | 0 | 21.26 | 21.42 | 21.30 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.53 | 21.65 | 21.82 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.76 | 21.54 | 21.72 | | |
| 1.4 | 16QAM | 1 | 5 | 21.76 | 21.58 | 21.85 | | |
| 1.4 | 16QAM | 3 | 0 | 21.32 | 21.51 | 21.35 | | |
| 1.4 | 16QAM | 3 | 1 | 21.31 | 21.35 | 21.52 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.46 | 21.34 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.32 | 20.35 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.66 | 20.66 | 20.68 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.42 | 20.44 | 20.41 | | |
| 1.4 | 64QAM | 1 | 5 | 20.48 | 20.47 | 20.32 | | |
| 1.4 | 64QAM | 3 | 0 | 20.45 | 20.38 | 20.41 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.32 | 20.55 | | |
| 1.4 | 64QAM | 3 | 3 | 20.38 | 20.47 | 20.45 | | |
| 1.4 | 64QAM | 6 | 0 | 19.41 | 19.33 | 19.44 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.41 | 17.43 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.46 | 17.40 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.53 | 17.40 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.40 | 17.35 | 17.49 | | |
| 1.4 | 256QAM | 3 | 1 | 17.63 | 17.61 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.36 | 17.33 | 17.34 | | |
| 1.4 | 256QAM | 6 | 0 | 17.48 | 17.59 | 17.71 | 19 | 5 |

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.61 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.66 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.28 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.46 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.38 | | |
| 5 | 16QAM | 25 | 0 | 20.46 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.46 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.46 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.65 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.40 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.49 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.42 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.59 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.10 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.59 | 21.50 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.76 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.49 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.32 | 22.47 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.30 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.63 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.58 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.48 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.43 | 22.55 | 22.53 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.39 | 22.43 | 22.41 | | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.38 | 22.48 | | |
| 20 | QPSK | 50 | 0 | 21.68 | 21.82 | 21.65 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.63 | 21.76 | 21.55 | | |
| 20 | QPSK | 50 | 50 | 21.55 | 21.67 | 21.59 | | |
| 20 | QPSK | 100 | 0 | 21.56 | 21.75 | 21.62 | | |
| 20 | 16QAM | 1 | 0 | 21.76 | 21.79 | 21.91 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.77 | 21.81 | 21.87 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.90 | | |
| 20 | 16QAM | 50 | 0 | 20.62 | 20.55 | 20.68 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.66 | 20.78 | | |
| 20 | 16QAM | 50 | 50 | 20.58 | 20.62 | 20.76 | | |
| 20 | 16QAM | 100 | 0 | 20.60 | 20.62 | 20.77 | | |
| 20 | 64QAM | 1 | 0 | 20.71 | 20.53 | 20.67 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.59 | 20.63 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.51 | 20.68 | 20.79 | | |
| 20 | 64QAM | 50 | 0 | 19.64 | 19.62 | 19.70 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.64 | 19.68 | 19.79 | | |
| 20 | 64QAM | 50 | 50 | 19.60 | 19.61 | 19.75 | | |
| 20 | 64QAM | 100 | 0 | 19.60 | 19.65 | 19.76 | | |
| 20 | 256QAM | 1 | 0 | 17.71 | 17.65 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.52 | 17.62 | 17.64 | | |
| 20 | 256QAM | 1 | 99 | 17.52 | 17.55 | 17.51 | | |
| 20 | 256QAM | 50 | 0 | 17.70 | 17.68 | 17.70 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.52 | 17.59 | 17.63 | | |
| 20 | 256QAM | 50 | 50 | 17.74 | 17.62 | 17.52 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.61 | 17.73 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.48 | 22.54 | 22.53 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.43 | 22.41 | 22.44 | | |
| 15 | QPSK | 1 | 74 | 22.19 | 22.43 | 22.49 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.85 | 21.67 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.62 | 21.71 | 21.56 | | |
| 15 | QPSK | 36 | 39 | 21.53 | 21.57 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 21.50 | 21.70 | 21.60 | | |
| 15 | 16QAM | 1 | 0 | 21.80 | 21.71 | 21.87 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.72 | 21.84 | | |
| 15 | 16QAM | 1 | 74 | 21.67 | 21.65 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.58 | 20.61 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.63 | 20.60 | 20.79 | | |
| 15 | 16QAM | 36 | 39 | 20.61 | 20.62 | 20.80 | | |
| 15 | 16QAM | 75 | 0 | 20.64 | 20.53 | 20.78 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.51 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.63 | 20.75 | | |
| 15 | 64QAM | 1 | 74 | 20.42 | 20.60 | 20.78 | | |
| 15 | 64QAM | 36 | 0 | 19.65 | 19.67 | 19.74 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.57 | 19.59 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.65 | 19.61 | 19.75 | | |
| 15 | 64QAM | 75 | 0 | 19.52 | 19.66 | 19.75 | | |
| 15 | 256QAM | 1 | 0 | 17.73 | 17.55 | 17.77 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.54 | 17.59 | 17.57 | | |
| 15 | 256QAM | 1 | 74 | 17.48 | 17.56 | 17.45 | | |
| 15 | 256QAM | 36 | 0 | 17.75 | 17.60 | 17.67 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.46 | 17.56 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.58 | 17.57 | | |
| 15 | 256QAM | 75 | 0 | 17.62 | 17.56 | 17.77 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.35 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.28 | 22.34 | 22.49 | | |
| 10 | QPSK | 25 | 0 | 21.73 | 21.87 | 21.69 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.54 | 21.80 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.56 | 21.60 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.72 | 21.53 | | |
| 10 | 16QAM | 1 | 0 | 21.67 | 21.75 | 21.93 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.75 | 21.77 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 21.70 | 21.93 | | |
| 10 | 16QAM | 25 | 0 | 20.61 | 20.49 | 20.66 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.54 | 20.56 | 20.82 | | |
| 10 | 16QAM | 25 | 25 | 20.55 | 20.58 | 20.75 | | |
| 10 | 16QAM | 50 | 0 | 20.62 | 20.62 | 20.75 | | |
| 10 | 64QAM | 1 | 0 | 20.66 | 20.50 | 20.71 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.50 | 20.64 | 20.74 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.60 | 20.83 | | |
| 10 | 64QAM | 25 | 0 | 19.66 | 19.64 | 19.70 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.62 | 19.77 | | |
| 10 | 64QAM | 25 | 25 | 19.65 | 19.59 | 19.78 | | |
| 10 | 64QAM | 50 | 0 | 19.57 | 19.55 | 19.78 | | |
| 10 | 256QAM | 1 | 0 | 17.68 | 17.64 | 17.75 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.49 | 17.57 | 17.67 | | |
| 10 | 256QAM | 1 | 49 | 17.42 | 17.49 | 17.45 | | |
| 10 | 256QAM | 25 | 0 | 17.63 | 17.60 | 17.64 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.46 | 17.55 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.77 | 17.67 | 17.56 | | |
| 10 | 256QAM | 50 | 0 | 17.55 | 17.56 | 17.69 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.37 | 22.53 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.48 | 22.31 | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.41 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.68 | 21.80 | 21.69 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.56 | 21.71 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.61 | 21.51 | | |
| 5 | QPSK | 25 | 0 | 21.60 | 21.80 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 21.77 | 21.82 | 21.95 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.73 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.64 | 21.72 | 21.90 | | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.59 | 20.62 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.55 | 20.67 | 20.73 | | |
| 5 | 16QAM | 12 | 13 | 20.60 | 20.64 | 20.72 | | |
| 5 | 16QAM | 25 | 0 | 20.50 | 20.62 | 20.81 | | |
| 5 | 64QAM | 1 | 0 | 20.74 | 20.45 | 20.59 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.60 | 20.77 | | |
| 5 | 64QAM | 1 | 24 | 20.49 | 20.72 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.67 | 19.66 | 19.67 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.64 | 19.70 | 19.69 | | |
| 5 | 64QAM | 12 | 13 | 19.51 | 19.65 | 19.80 | | |
| 5 | 64QAM | 25 | 0 | 19.56 | 19.66 | 19.78 | | |
| 5 | 256QAM | 1 | 0 | 17.72 | 17.64 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.52 | 17.58 | 17.57 | | |
| 5 | 256QAM | 1 | 24 | 17.43 | 17.56 | 17.46 | | |
| 5 | 256QAM | 12 | 0 | 17.60 | 17.65 | 17.74 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.45 | 17.61 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.69 | 17.61 | 17.52 | | |
| 5 | 256QAM | 25 | 0 | 17.57 | 17.54 | 17.69 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.47 | 22.48 | 22.45 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.34 | 22.44 | | |
| 3 | QPSK | 1 | 14 | 22.21 | 22.43 | 22.49 | | |
| 3 | QPSK | 8 | 0 | 21.69 | 21.78 | 21.58 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.59 | 21.81 | 21.52 | | |
| 3 | QPSK | 8 | 7 | 21.49 | 21.67 | 21.62 | | |
| 3 | QPSK | 15 | 0 | 21.61 | 21.75 | 21.52 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.70 | 21.88 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.72 | 21.87 | | |
| 3 | 16QAM | 1 | 14 | 21.75 | 21.66 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 20.64 | 20.49 | 20.67 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.63 | 20.62 | 20.83 | | |
| 3 | 16QAM | 8 | 7 | 20.51 | 20.60 | 20.67 | | |
| 3 | 16QAM | 15 | 0 | 20.54 | 20.66 | 20.68 | | |
| 3 | 64QAM | 1 | 0 | 20.62 | 20.55 | 20.59 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.54 | 20.54 | 20.65 | | |
| 3 | 64QAM | 1 | 14 | 20.43 | 20.73 | 20.78 | | |
| 3 | 64QAM | 8 | 0 | 19.61 | 19.53 | 19.65 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.64 | 19.83 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.51 | 19.77 | | |
| 3 | 64QAM | 15 | 0 | 19.60 | 19.59 | 19.78 | | |
| 3 | 256QAM | 1 | 0 | 17.70 | 17.68 | 17.68 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.45 | 17.57 | 17.61 | | |
| 3 | 256QAM | 1 | 14 | 17.53 | 17.57 | 17.43 | | |
| 3 | 256QAM | 8 | 0 | 17.71 | 17.61 | 17.63 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.64 | 17.67 | | |
| 3 | 256QAM | 8 | 7 | 17.75 | 17.65 | 17.47 | | |
| 3 | 256QAM | 15 | 0 | 17.60 | 17.62 | 17.77 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.36 | 22.47 | 22.44 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.31 | 22.47 | 22.42 | | |
| 1.4 | QPSK | 1 | 5 | 22.19 | 22.40 | 22.50 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.44 | 22.39 | | |
| 1.4 | QPSK | 3 | 1 | 22.25 | 22.40 | 22.20 | | |
| 1.4 | QPSK | 3 | 3 | 22.29 | 22.30 | 22.26 | | |
| 1.4 | QPSK | 6 | 0 | 21.47 | 21.66 | 21.58 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.68 | 21.73 | 21.90 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.76 | 21.91 | | |
| 1.4 | 16QAM | 1 | 5 | 21.70 | 21.74 | 21.80 | | |
| 1.4 | 16QAM | 3 | 0 | 21.60 | 21.57 | 21.65 | | |
| 1.4 | 16QAM | 3 | 1 | 21.63 | 21.64 | 21.70 | | |
| 1.4 | 16QAM | 3 | 3 | 21.63 | 21.53 | 21.70 | | |
| 1.4 | 16QAM | 6 | 0 | 20.59 | 20.64 | 20.76 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.75 | 20.53 | 20.57 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.61 | 20.57 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.73 | 20.79 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.59 | 20.66 | | |
| 1.4 | 64QAM | 3 | 1 | 20.58 | 20.63 | 20.78 | | |
| 1.4 | 64QAM | 3 | 3 | 20.65 | 20.53 | 20.77 | | |
| 1.4 | 64QAM | 6 | 0 | 19.65 | 19.61 | 19.74 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.62 | 17.68 | 17.67 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.56 | 17.65 | 17.69 | | |
| 1.4 | 256QAM | 1 | 5 | 17.49 | 17.46 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.62 | 17.68 | 17.68 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.67 | | |
| 1.4 | 256QAM | 3 | 3 | 17.74 | 17.57 | 17.42 | | |
| 1.4 | 256QAM | 6 | 0 | 17.66 | 17.51 | 17.78 | 19 | 5 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.78 | 23.04 | 22.70 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.62 | 22.64 | 22.60 | | |
| 20 | QPSK | 1 | 99 | 22.63 | 22.66 | 22.67 | | |
| 20 | QPSK | 50 | 0 | 21.94 | 22.03 | 21.96 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.89 | 21.96 | 21.91 | | |
| 20 | QPSK | 50 | 50 | 21.89 | 21.87 | 21.88 | | |
| 20 | QPSK | 100 | 0 | 21.84 | 21.97 | 21.96 | | |
| 20 | 16QAM | 1 | 0 | 22.20 | 22.11 | 22.14 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.15 | 22.00 | 22.18 | | |
| 20 | 16QAM | 1 | 99 | 21.93 | 22.14 | 22.22 | | |
| 20 | 16QAM | 50 | 0 | 21.06 | 20.77 | 20.85 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.93 | 20.91 | 20.95 | | |
| 20 | 16QAM | 50 | 50 | 21.04 | 20.86 | 20.75 | | |
| 20 | 16QAM | 100 | 0 | 21.00 | 20.90 | 20.95 | | |
| 20 | 64QAM | 1 | 0 | 21.01 | 20.93 | 20.75 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.94 | 21.04 | 20.80 | | |
| 20 | 64QAM | 1 | 99 | 21.00 | 21.07 | 20.96 | | |
| 20 | 64QAM | 50 | 0 | 19.96 | 19.83 | 19.81 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.99 | 19.88 | 19.81 | | |
| 20 | 64QAM | 50 | 50 | 19.83 | 19.78 | 19.92 | | |
| 20 | 64QAM | 100 | 0 | 19.98 | 19.83 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.76 | 17.72 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.70 | 17.59 | | |
| 20 | 256QAM | 1 | 99 | 17.83 | 17.88 | 17.73 | | |
| 20 | 256QAM | 50 | 0 | 17.75 | 17.72 | 17.54 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.71 | 17.65 | 17.69 | | |
| 20 | 256QAM | 50 | 50 | 17.79 | 17.69 | 17.71 | | |
| 20 | 256QAM | 100 | 0 | 17.69 | 17.62 | 17.69 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.75 | 22.95 | 22.69 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.54 | 22.59 | 22.64 | | |
| 15 | QPSK | 1 | 74 | 22.68 | 22.70 | 22.66 | | |
| 15 | QPSK | 36 | 0 | 21.98 | 21.94 | 21.93 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.94 | 21.91 | 21.93 | | |
| 15 | QPSK | 36 | 39 | 21.91 | 21.89 | 21.82 | | |
| 15 | QPSK | 75 | 0 | 21.80 | 22.02 | 21.95 | | |
| 15 | 16QAM | 1 | 0 | 22.16 | 22.09 | 22.07 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.06 | 21.97 | 22.09 | | |
| 15 | 16QAM | 1 | 74 | 21.94 | 22.09 | 22.20 | | |
| 15 | 16QAM | 36 | 0 | 21.10 | 20.78 | 20.86 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.97 | 20.85 | 20.91 | | |
| 15 | 16QAM | 36 | 39 | 20.96 | 20.77 | 20.74 | | |
| 15 | 16QAM | 75 | 0 | 20.92 | 20.85 | 20.95 | | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.98 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.99 | 20.98 | 20.76 | | |
| 15 | 64QAM | 1 | 74 | 20.94 | 21.09 | 21.01 | | |
| 15 | 64QAM | 36 | 0 | 19.87 | 19.74 | 19.76 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.00 | 19.91 | 19.79 | | |
| 15 | 64QAM | 36 | 39 | 19.83 | 19.72 | 19.93 | | |
| 15 | 64QAM | 75 | 0 | 20.03 | 19.81 | 19.85 | | |
| 15 | 256QAM | 1 | 0 | 17.90 | 17.81 | 17.62 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.79 | 17.61 | 17.57 | | |
| 15 | 256QAM | 1 | 74 | 17.81 | 17.78 | 17.69 | | |
| 15 | 256QAM | 36 | 0 | 17.65 | 17.68 | 17.44 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.70 | 17.55 | 17.61 | | |
| 15 | 256QAM | 36 | 39 | 17.76 | 17.60 | 17.65 | | |
| 15 | 256QAM | 75 | 0 | 17.74 | 17.66 | 17.65 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.79 | 23.00 | 22.62 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.63 | 22.55 | 22.56 | | |
| 10 | QPSK | 1 | 49 | 22.64 | 22.69 | 22.61 | | |
| 10 | QPSK | 25 | 0 | 21.97 | 22.05 | 21.97 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.94 | 21.88 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.85 | 21.83 | 21.90 | | |
| 10 | QPSK | 50 | 0 | 21.87 | 21.98 | 21.94 | | |
| 10 | 16QAM | 1 | 0 | 22.12 | 22.16 | 22.19 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.05 | 21.99 | 22.13 | | |
| 10 | 16QAM | 1 | 49 | 21.93 | 22.14 | 22.18 | | |
| 10 | 16QAM | 25 | 0 | 20.96 | 20.77 | 20.84 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.85 | 20.83 | 20.99 | | |
| 10 | 16QAM | 25 | 25 | 21.03 | 20.80 | 20.70 | | |
| 10 | 16QAM | 50 | 0 | 21.03 | 20.91 | 20.85 | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 20.86 | 20.71 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.98 | 20.80 | | |
| 10 | 64QAM | 1 | 49 | 21.03 | 21.02 | 20.98 | | |
| 10 | 64QAM | 25 | 0 | 19.87 | 19.76 | 19.71 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.01 | 19.84 | 19.81 | | |
| 10 | 64QAM | 25 | 25 | 19.78 | 19.71 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 19.98 | 19.85 | 19.85 | | |
| 10 | 256QAM | 1 | 0 | 17.80 | 17.75 | 17.74 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.78 | 17.66 | 17.56 | | |
| 10 | 256QAM | 1 | 49 | 17.87 | 17.91 | 17.64 | | |
| 10 | 256QAM | 25 | 0 | 17.77 | 17.63 | 17.48 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.70 | 17.59 | | |
| 10 | 256QAM | 25 | 25 | 17.84 | 17.74 | 17.75 | | |
| 10 | 256QAM | 50 | 0 | 17.74 | 17.59 | 17.65 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.79 | 22.97 | 22.70 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.68 | 22.61 | | |
| 5 | QPSK | 1 | 24 | 22.55 | 22.63 | 22.64 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.98 | 21.87 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.94 | 21.88 | 21.93 | | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.86 | 21.91 | | |
| 5 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.94 | | |
| 5 | 16QAM | 1 | 0 | 22.12 | 22.15 | 22.12 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.07 | 21.93 | 22.16 | | |
| 5 | 16QAM | 1 | 24 | 21.93 | 22.16 | 22.22 | | |
| 5 | 16QAM | 12 | 0 | 21.04 | 20.70 | 20.81 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.87 | 20.96 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 21.02 | 20.82 | 20.68 | | |
| 5 | 16QAM | 25 | 0 | 20.98 | 20.82 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 21.00 | 20.97 | 20.80 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.94 | 21.07 | 20.75 | | |
| 5 | 64QAM | 1 | 24 | 21.05 | 21.06 | 20.95 | | |
| 5 | 64QAM | 12 | 0 | 19.86 | 19.85 | 19.72 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.91 | 19.88 | 19.72 | | |
| 5 | 64QAM | 12 | 13 | 19.77 | 19.72 | 19.84 | | |
| 5 | 64QAM | 25 | 0 | 19.88 | 19.80 | 19.84 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 17.71 | 17.64 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.69 | 17.60 | | |
| 5 | 256QAM | 1 | 24 | 17.76 | 17.90 | 17.77 | | |
| 5 | 256QAM | 12 | 0 | 17.79 | 17.69 | 17.48 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.75 | 17.62 | 17.67 | | |
| 5 | 256QAM | 12 | 13 | 17.80 | 17.71 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.60 | 17.54 | 17.63 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.79 | 22.98 | 22.70 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.53 | 22.65 | 22.56 | | |
| 3 | QPSK | 1 | 14 | 22.59 | 22.66 | 22.59 | | |
| 3 | QPSK | 8 | 0 | 21.84 | 22.04 | 21.91 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.89 | 21.96 | 21.93 | | |
| 3 | QPSK | 8 | 7 | 21.93 | 21.88 | 21.90 | | |
| 3 | QPSK | 15 | 0 | 21.77 | 21.94 | 21.94 | | |
| 3 | 16QAM | 1 | 0 | 22.14 | 22.02 | 22.15 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 22.19 | 21.94 | 22.08 | | |
| 3 | 16QAM | 1 | 14 | 21.96 | 22.19 | 22.16 | | |
| 3 | 16QAM | 8 | 0 | 21.04 | 20.70 | 20.81 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.84 | 20.86 | 20.89 | | |
| 3 | 16QAM | 8 | 7 | 21.05 | 20.91 | 20.75 | | |
| 3 | 16QAM | 15 | 0 | 21.03 | 20.80 | 21.00 | | |
| 3 | 64QAM | 1 | 0 | 21.05 | 20.97 | 20.76 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.95 | 21.02 | 20.84 | | |
| 3 | 64QAM | 1 | 14 | 20.96 | 21.02 | 20.99 | | |
| 3 | 64QAM | 8 | 0 | 19.96 | 19.76 | 19.81 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 20.04 | 19.81 | 19.73 | | |
| 3 | 64QAM | 8 | 7 | 19.74 | 19.77 | 19.97 | | |
| 3 | 64QAM | 15 | 0 | 19.96 | 19.79 | 19.89 | | |
| 3 | 256QAM | 1 | 0 | 17.91 | 17.70 | 17.66 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.75 | 17.72 | 17.62 | | |
| 3 | 256QAM | 1 | 14 | 17.77 | 17.79 | 17.78 | | |
| 3 | 256QAM | 8 | 0 | 17.67 | 17.64 | 17.47 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.75 | 17.57 | 17.70 | | |
| 3 | 256QAM | 8 | 7 | 17.76 | 17.72 | 17.74 | | |
| 3 | 256QAM | 15 | 0 | 17.65 | 17.60 | 17.62 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.71 | 23.03 | 22.69 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.61 | 22.63 | 22.63 | | |
| 1.4 | QPSK | 1 | 5 | 22.64 | 22.71 | 22.67 | | |
| 1.4 | QPSK | 3 | 0 | 22.62 | 22.65 | 22.68 | | |
| 1.4 | QPSK | 3 | 1 | 22.64 | 22.61 | 22.55 | | |
| 1.4 | QPSK | 3 | 3 | 22.54 | 22.50 | 22.63 | | |
| 1.4 | QPSK | 6 | 0 | 21.89 | 22.02 | 21.86 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.23 | 22.03 | 22.09 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.06 | 22.02 | 22.22 | | |
| 1.4 | 16QAM | 1 | 5 | 21.93 | 22.12 | 22.12 | | |
| 1.4 | 16QAM | 3 | 0 | 22.11 | 21.82 | 21.87 | | |
| 1.4 | 16QAM | 3 | 1 | 21.90 | 21.88 | 21.88 | | |
| 1.4 | 16QAM | 3 | 3 | 22.04 | 21.84 | 21.74 | | |
| 1.4 | 16QAM | 6 | 0 | 21.04 | 20.90 | 20.93 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.96 | 20.94 | 20.75 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.94 | 21.08 | 20.75 | | |
| 1.4 | 64QAM | 1 | 5 | 20.94 | 20.99 | 21.00 | | |
| 1.4 | 64QAM | 3 | 0 | 20.91 | 20.77 | 20.86 | | |
| 1.4 | 64QAM | 3 | 1 | 20.99 | 20.79 | 20.72 | | |
| 1.4 | 64QAM | 3 | 3 | 20.74 | 20.73 | 20.95 | | |
| 1.4 | 64QAM | 6 | 0 | 20.03 | 19.81 | 19.91 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.89 | 17.74 | 17.67 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.83 | 17.71 | 17.54 | | |
| 1.4 | 256QAM | 1 | 5 | 17.85 | 17.79 | 17.78 | | |
| 1.4 | 256QAM | 3 | 0 | 17.74 | 17.68 | 17.53 | | |
| 1.4 | 256QAM | 3 | 1 | 17.70 | 17.58 | 17.65 | | |
| 1.4 | 256QAM | 3 | 3 | 17.76 | 17.74 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.62 | 17.57 | 17.71 | 19 | 5 |

## Band 26_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.45 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.18 | 22.25 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.24 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 21.40 | 21.48 | 21.41 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.35 | 21.30 | 21.38 | | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.31 | 21.32 | | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.42 | 21.32 | | |
| 15 | 16QAM | 1 | 0 | 21.70 | 21.60 | 21.84 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.60 | 21.80 | 21.82 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 21.63 | 21.58 | | |
| 15 | 16QAM | 36 | 0 | 20.42 | 20.28 | 20.25 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.40 | 20.31 | 20.34 | | |
| 15 | 16QAM | 36 | 39 | 20.45 | 20.31 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.39 | 20.38 | 20.34 | | |
| 15 | 64QAM | 1 | 0 | 20.41 | 20.39 | 20.47 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.64 | 20.40 | 20.24 | | |
| 15 | 64QAM | 1 | 74 | 20.47 | 20.41 | 20.19 | | |
| 15 | 64QAM | 36 | 0 | 19.43 | 19.40 | 19.36 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.51 | 19.32 | 19.40 | | |
| 15 | 64QAM | 36 | 39 | 19.47 | 19.44 | 19.26 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.24 | 19.31 | | |
| 15 | 256QAM | 1 | 0 | 17.51 | 17.63 | 17.56 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.58 | 17.62 | 17.60 | | |
| 15 | 256QAM | 1 | 74 | 17.60 | 17.69 | 17.65 | | |
| 15 | 256QAM | 36 | 0 | 17.39 | 17.48 | 17.40 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.49 | 17.52 | 17.43 | | |
| 15 | 256QAM | 36 | 39 | 17.47 | 17.55 | 17.53 | | |
| 15 | 256QAM | 75 | 0 | 17.39 | 17.51 | 17.47 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.20 | 22.41 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.19 | 22.16 | 22.17 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.28 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.44 | 21.38 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.26 | 21.28 | 21.33 | | |
| 10 | QPSK | 25 | 25 | 21.32 | 21.28 | 21.25 | | |
| 10 | QPSK | 50 | 0 | 21.33 | 21.46 | 21.28 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.50 | 21.88 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.73 | 21.85 | | |
| 10 | 16QAM | 1 | 49 | 21.94 | 21.56 | 21.48 | | |
| 10 | 16QAM | 25 | 0 | 20.41 | 20.18 | 20.25 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.43 | 20.28 | 20.34 | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.33 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.40 | 20.39 | 20.26 | | |
| 10 | 64QAM | 1 | 0 | 20.40 | 20.40 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.59 | 20.31 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.40 | 20.36 | 20.09 | | |
| 10 | 64QAM | 25 | 0 | 19.40 | 19.45 | 19.32 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.55 | 19.32 | 19.43 | | |
| 10 | 64QAM | 25 | 25 | 19.43 | 19.46 | 19.20 | | |
| 10 | 64QAM | 50 | 0 | 19.42 | 19.29 | 19.29 | | |
| 10 | 256QAM | 1 | 0 | 17.49 | 17.57 | 17.49 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.47 | 17.60 | 17.51 | | |
| 10 | 256QAM | 1 | 49 | 17.58 | 17.58 | 17.63 | | |
| 10 | 256QAM | 25 | 0 | 17.34 | 17.46 | 17.32 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.44 | 17.42 | 17.33 | | |
| 10 | 256QAM | 25 | 25 | 17.36 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.27 | 17.49 | 17.38 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.17 | 22.43 | 22.33 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.18 | 22.15 | 22.16 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.25 | 22.21 | | |
| 5 | QPSK | 12 | 0 | 21.38 | 21.41 | 21.32 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.37 | 21.26 | 21.40 | | |
| 5 | QPSK | 12 | 13 | 21.29 | 21.30 | 21.24 | | |
| 5 | QPSK | 25 | 0 | 21.26 | 21.43 | 21.34 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.54 | 21.77 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.50 | 21.85 | 21.75 | | |
| 5 | 16QAM | 1 | 24 | 21.88 | 21.58 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.22 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.34 | 20.36 | 20.33 | | |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.26 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.30 | 20.36 | | |
| 5 | 64QAM | 1 | 0 | 20.36 | 20.36 | 20.44 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.35 | 20.25 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.33 | 20.20 | | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.44 | 19.30 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.49 | 19.26 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.37 | 19.36 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.30 | 19.29 | 19.34 | | |
| 5 | 256QAM | 1 | 0 | 17.47 | 17.52 | 17.45 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.54 | 17.51 | 17.50 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.65 | 17.61 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.44 | 17.36 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.45 | 17.40 | 17.39 | | |
| 5 | 256QAM | 12 | 13 | 17.45 | 17.48 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.29 | 17.39 | 17.40 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.39 | 22.35 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.21 | 22.15 | | |
| 3 | QPSK | 1 | 14 | 22.20 | 22.16 | 22.09 | | |
| 3 | QPSK | 8 | 0 | 21.32 | 21.48 | 21.46 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.29 | 21.24 | 21.40 | | |
| 3 | QPSK | 8 | 7 | 21.35 | 21.35 | 21.24 | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.32 | 21.32 | | |
| 3 | 16QAM | 1 | 0 | 21.67 | 21.64 | 21.79 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.57 | 21.71 | 21.75 | | |
| 3 | 16QAM | 1 | 14 | 21.97 | 21.56 | 21.62 | | |
| 3 | 16QAM | 8 | 0 | 20.36 | 20.23 | 20.26 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.40 | 20.26 | 20.39 | | |
| 3 | 16QAM | 8 | 7 | 20.44 | 20.30 | 20.29 | | |
| 3 | 16QAM | 15 | 0 | 20.42 | 20.30 | 20.29 | | |
| 3 | 64QAM | 1 | 0 | 20.38 | 20.35 | 20.43 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.32 | 20.14 | | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.46 | 20.12 | | |
| 3 | 64QAM | 8 | 0 | 19.46 | 19.33 | 19.36 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.50 | 19.24 | 19.43 | | |
| 3 | 64QAM | 8 | 7 | 19.48 | 19.39 | 19.26 | | |
| 3 | 64QAM | 15 | 0 | 19.38 | 19.21 | 19.23 | | |
| 3 | 256QAM | 1 | 0 | 17.48 | 17.57 | 17.44 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.48 | 17.50 | 17.57 | | |
| 3 | 256QAM | 1 | 14 | 17.54 | 17.62 | 17.58 | | |
| 3 | 256QAM | 8 | 0 | 17.35 | 17.39 | 17.38 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.39 | 17.45 | 17.33 | | |
| 3 | 256QAM | 8 | 7 | 17.42 | 17.53 | 17.41 | | |
| 3 | 256QAM | 15 | 0 | 17.27 | 17.46 | 17.35 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.20 | 22.35 | 22.33 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.15 | 22.25 | 22.17 | | |
| 1.4 | QPSK | 1 | 5 | 22.16 | 22.26 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.03 | 22.18 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.06 | 22.01 | 22.02 | | |
| 1.4 | QPSK | 3 | 3 | 22.02 | 22.03 | 22.03 | | |
| 1.4 | QPSK | 6 | 0 | 21.29 | 21.43 | 21.26 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.64 | 21.52 | 21.85 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.60 | 21.73 | 21.83 | | |
| 1.4 | 16QAM | 1 | 5 | 21.98 | 21.64 | 21.63 | | |
| 1.4 | 16QAM | 3 | 0 | 21.47 | 21.30 | 21.15 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.22 | 21.33 | | |
| 1.4 | 16QAM | 3 | 3 | 21.42 | 21.23 | 21.35 | | |
| 1.4 | 16QAM | 6 | 0 | 20.42 | 20.38 | 20.32 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.44 | 20.31 | 20.46 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.62 | 20.40 | 20.20 | | |
| 1.4 | 64QAM | 1 | 5 | 20.40 | 20.36 | 20.10 | | |
| 1.4 | 64QAM | 3 | 0 | 20.46 | 20.38 | 20.37 | | |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 20.36 | 20.39 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.40 | 20.29 | | |
| 1.4 | 64QAM | 6 | 0 | 19.36 | 19.23 | 19.33 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.47 | 17.53 | 17.49 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.48 | 17.51 | 17.57 | | |
| 1.4 | 256QAM | 1 | 5 | 17.53 | 17.64 | 17.62 | | |
| 1.4 | 256QAM | 3 | 0 | 17.33 | 17.41 | 17.34 | | |
| 1.4 | 256QAM | 3 | 1 | 17.40 | 17.43 | 17.31 | | |
| 1.4 | 256QAM | 3 | 3 | 17.45 | 17.51 | 17.46 | | |
| 1.4 | 256QAM | 6 | 0 | 17.30 | 17.47 | 17.42 | 19 | 5 |

## Band 26_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 22.32 | 22.43 | 22.35 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.26 | 22.30 | 22.30 | | |
| 15 | QPSK | 1 | 74 | 22.25 | 22.21 | 22.29 | | |
| 15 | QPSK | 36 | 0 | 21.53 | 21.55 | 21.52 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.45 | 21.40 | 21.44 | | |
| 15 | QPSK | 36 | 39 | 21.48 | 21.47 | 21.47 | | |
| 15 | QPSK | 75 | 0 | 21.47 | 21.49 | 21.47 | | |
| 15 | 16QAM | 1 | 0 | 21.77 | 21.52 | 21.69 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.61 | 21.60 | 21.65 | | |
| 15 | 16QAM | 1 | 74 | 21.57 | 21.62 | 21.65 | | |
| 15 | 16QAM | 36 | 0 | 20.39 | 20.45 | 20.45 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.53 | 20.47 | 20.43 | | |
| 15 | 16QAM | 36 | 39 | 20.43 | 20.63 | 20.47 | | |
| 15 | 16QAM | 75 | 0 | 20.59 | 20.41 | 20.49 | | |
| 15 | 64QAM | 1 | 0 | 20.54 | 20.35 | 20.52 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.56 | 20.56 | 20.50 | | |
| 15 | 64QAM | 1 | 74 | 20.55 | 20.30 | 20.34 | | |
| 15 | 64QAM | 36 | 0 | 19.43 | 19.59 | 19.51 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.46 | 19.59 | 19.42 | | |
| 15 | 64QAM | 36 | 39 | 19.55 | 19.53 | 19.55 | | |
| 15 | 64QAM | 75 | 0 | 19.43 | 19.55 | 19.56 | | |
| 15 | 256QAM | 1 | 0 | 17.68 | 17.74 | 17.64 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.68 | 17.73 | 17.64 | | |
| 15 | 256QAM | 1 | 74 | 17.70 | 17.75 | 17.72 | | |
| 15 | 256QAM | 36 | 0 | 17.46 | 17.53 | 17.41 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.55 | 17.62 | 17.51 | | |
| 15 | 256QAM | 36 | 39 | 17.51 | 17.56 | 17.44 | | |
| 15 | 256QAM | 75 | 0 | 17.48 | 17.58 | 17.48 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.09 | 22.18 | 22.16 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.08 | 22.08 | 22.07 | | |
| 10 | QPSK | 1 | 49 | 22.09 | 22.09 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.30 | 21.26 | 21.37 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.29 | 21.17 | 21.25 | | |
| 10 | QPSK | 25 | 25 | 21.33 | 21.19 | 21.17 | | |
| 10 | QPSK | 50 | 0 | 21.28 | 21.30 | 21.28 | | |
| 10 | 16QAM | 1 | 0 | 21.54 | 21.30 | 21.51 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.45 | 21.31 | 21.50 | | |
| 10 | 16QAM | 1 | 49 | 21.34 | 21.34 | 21.50 | | |
| 10 | 16QAM | 25 | 0 | 20.24 | 20.20 | 20.28 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.25 | 20.28 | 20.21 | | |
| 10 | 16QAM | 25 | 25 | 20.20 | 20.40 | 20.20 | | |
| 10 | 16QAM | 50 | 0 | 20.41 | 20.11 | 20.22 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.05 | 20.33 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.37 | 20.34 | 20.27 | | |
| 10 | 64QAM | 1 | 49 | 20.29 | 20.09 | 20.04 | | |
| 10 | 64QAM | 25 | 0 | 19.24 | 19.32 | 19.29 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.16 | 19.31 | 19.12 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.37 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.23 | 19.37 | 19.35 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.42 | 17.36 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.46 | 17.49 | 17.39 | | |
| 10 | 256QAM | 1 | 49 | 17.38 | 17.47 | 17.47 | | |
| 10 | 256QAM | 25 | 0 | 17.17 | 17.21 | 17.19 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.32 | 17.35 | 17.25 | | |
| 10 | 256QAM | 25 | 25 | 17.27 | 17.34 | 17.14 | | |
| 10 | 256QAM | 50 | 0 | 17.19 | 17.35 | 17.26 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.07 | 22.15 | 22.16 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.01 | 22.11 | 22.09 | | |
| 5 | QPSK | 1 | 24 | 22.05 | 22.07 | 22.03 | | |
| 5 | QPSK | 12 | 0 | 21.33 | 21.32 | 21.33 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.18 | 21.11 | 21.16 | | |
| 5 | QPSK | 12 | 13 | 21.20 | 21.20 | 21.18 | | |
| 5 | QPSK | 25 | 0 | 21.28 | 21.28 | 21.19 | | |
| 5 | 16QAM | 1 | 0 | 21.54 | 21.35 | 21.42 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.45 | 21.34 | 21.45 | | |
| 5 | 16QAM | 1 | 24 | 21.27 | 21.43 | 21.49 | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.22 | 20.22 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.25 | 20.21 | 20.20 | | |
| 5 | 16QAM | 12 | 13 | 20.27 | 20.35 | 20.26 | | |
| 5 | 16QAM | 25 | 0 | 20.38 | 20.21 | 20.31 | | |
| 5 | 64QAM | 1 | 0 | 20.24 | 20.05 | 20.23 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.39 | 20.34 | 20.31 | | |
| 5 | 64QAM | 1 | 24 | 20.36 | 20.04 | 20.17 | | |
| 5 | 64QAM | 12 | 0 | 19.28 | 19.40 | 19.23 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.26 | 19.44 | 19.17 | | |
| 5 | 64QAM | 12 | 13 | 19.31 | 19.38 | 19.37 | | |
| 5 | 64QAM | 25 | 0 | 19.28 | 19.33 | 19.41 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.51 | 17.42 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.40 | 17.51 | 17.35 | | |
| 5 | 256QAM | 1 | 24 | 17.45 | 17.45 | 17.50 | | |
| 5 | 256QAM | 12 | 0 | 17.20 | 17.22 | 17.16 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.32 | 17.38 | 17.24 | | |
| 5 | 256QAM | 12 | 13 | 17.19 | 17.25 | 17.19 | | |
| 5 | 256QAM | 25 | 0 | 17.18 | 17.26 | 17.19 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.15 | 22.21 | 22.05 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.09 | 22.11 | 22.08 | | |
| 3 | QPSK | 1 | 14 | 22.07 | 22.03 | 22.07 | | |
| 3 | QPSK | 8 | 0 | 21.31 | 21.33 | 21.29 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.19 | 21.12 | 21.15 | | |
| 3 | QPSK | 8 | 7 | 21.31 | 21.27 | 21.28 | | |
| 3 | QPSK | 15 | 0 | 21.27 | 21.23 | 21.30 | | |
| 3 | 16QAM | 1 | 0 | 21.52 | 21.30 | 21.45 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.42 | 21.38 | 21.44 | | |
| 3 | 16QAM | 1 | 14 | 21.37 | 21.36 | 21.46 | | |
| 3 | 16QAM | 8 | 0 | 20.09 | 20.26 | 20.27 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.37 | 20.30 | 20.17 | | |
| 3 | 16QAM | 8 | 7 | 20.21 | 20.38 | 20.21 | | |
| 3 | 16QAM | 15 | 0 | 20.29 | 20.14 | 20.24 | | |
| 3 | 64QAM | 1 | 0 | 20.30 | 20.05 | 20.23 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.41 | 20.32 | 20.34 | | |
| 3 | 64QAM | 1 | 14 | 20.32 | 20.15 | 20.14 | | |
| 3 | 64QAM | 8 | 0 | 19.26 | 19.35 | 19.31 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.16 | 19.29 | 19.24 | | |
| 3 | 64QAM | 8 | 7 | 19.30 | 19.32 | 19.35 | | |
| 3 | 64QAM | 15 | 0 | 19.19 | 19.27 | 19.33 | | |
| 3 | 256QAM | 1 | 0 | 17.42 | 17.51 | 17.40 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.44 | 17.46 | 17.36 | | |
| 3 | 256QAM | 1 | 14 | 17.47 | 17.51 | 17.45 | | |
| 3 | 256QAM | 8 | 0 | 17.17 | 17.29 | 17.12 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.32 | 17.31 | 17.26 | | |
| 3 | 256QAM | 8 | 7 | 17.22 | 17.31 | 17.22 | | |
| 3 | 256QAM | 15 | 0 | 17.25 | 17.27 | 17.24 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.02 | 22.15 | 22.06 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.00 | 22.06 | 22.00 | | |
| 1.4 | QPSK | 1 | 5 | 22.06 | 22.03 | 22.11 | | |
| 1.4 | QPSK | 3 | 0 | 22.09 | 22.13 | 22.06 | | |
| 1.4 | QPSK | 3 | 1 | 22.05 | 22.07 | 22.05 | | |
| 1.4 | QPSK | 3 | 3 | 22.11 | 22.10 | 22.04 | | |
| 1.4 | QPSK | 6 | 0 | 21.28 | 21.22 | 21.30 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.48 | 21.37 | 21.49 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.37 | 21.31 | 21.50 | | |
| 1.4 | 16QAM | 1 | 5 | 21.32 | 21.35 | 21.43 | | |
| 1.4 | 16QAM | 3 | 0 | 21.12 | 21.27 | 21.27 | | |
| 1.4 | 16QAM | 3 | 1 | 21.28 | 21.24 | 21.27 | | |
| 1.4 | 16QAM | 3 | 3 | 21.28 | 21.39 | 21.21 | | |
| 1.4 | 16QAM | 6 | 0 | 20.39 | 20.22 | 20.19 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.25 | 20.10 | 20.34 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.36 | 20.31 | 20.35 | | |
| 1.4 | 64QAM | 1 | 5 | 20.33 | 20.12 | 20.13 | | |
| 1.4 | 64QAM | 3 | 0 | 20.24 | 20.44 | 20.29 | | |
| 1.4 | 64QAM | 3 | 1 | 20.30 | 20.43 | 20.26 | | |
| 1.4 | 64QAM | 3 | 3 | 20.29 | 20.31 | 20.39 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.39 | 19.39 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.38 | 17.44 | 17.34 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.38 | 17.44 | 17.32 | | |
| 1.4 | 256QAM | 1 | 5 | 17.44 | 17.43 | 17.41 | | |
| 1.4 | 256QAM | 3 | 0 | 17.23 | 17.31 | 17.16 | | |
| 1.4 | 256QAM | 3 | 1 | 17.29 | 17.36 | 17.26 | | |
| 1.4 | 256QAM | 3 | 3 | 17.28 | 17.30 | 17.14 | | |
| 1.4 | 256QAM | 6 | 0 | 17.25 | 17.36 | 17.25 | 19 | 5 |

## Band 66_Ant 0

| 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 | 22.39 | 22.59 | 22.32 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.23 | 22.50 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.41 | 21.58 | 21.52 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.28 | 21.42 | 21.48 | | |
| 20 | QPSK | 50 | 50 | 21.29 | 21.42 | 21.43 | | |
| 20 | QPSK | 100 | 0 | 21.38 | 21.45 | 21.42 | | |
| 20 | 16QAM | 1 | 0 | 21.42 | 21.52 | 21.60 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.48 | 21.38 | 21.58 | | |
| 20 | 16QAM | 1 | 99 | 21.46 | 21.42 | 21.85 | | |
| 20 | 16QAM | 50 | 0 | 20.34 | 20.47 | 20.38 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.41 | 20.48 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.53 | 20.40 | | |
| 20 | 16QAM | 100 | 0 | 20.26 | 20.44 | 20.45 | | |
| 20 | 64QAM | 1 | 0 | 20.41 | 20.72 | 20.88 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.61 | 20.66 | 20.91 | | |
| 20 | 64QAM | 1 | 99 | 20.61 | 20.68 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.26 | 19.49 | 19.51 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.50 | 19.44 | 19.54 | | |
| 20 | 64QAM | 50 | 50 | 19.29 | 19.49 | 19.45 | | |
| 20 | 64QAM | 100 | 0 | 19.29 | 19.44 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.38 | 17.29 | 17.35 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.25 | 17.33 | 17.45 | | |
| 20 | 256QAM | 1 | 99 | 17.20 | 17.28 | 17.28 | | |
| 20 | 256QAM | 50 | 0 | 17.32 | 17.32 | 17.44 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.48 | 17.34 | 17.48 | | |
| 20 | 256QAM | 50 | 50 | 17.37 | 17.29 | 17.37 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.24 | 17.24 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.31 | 22.53 | 22.42 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.42 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.28 | 22.10 | | |
| 15 | QPSK | 36 | 0 | 21.45 | 21.62 | 21.47 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.33 | 21.43 | 21.51 | | |
| 15 | QPSK | 36 | 39 | 21.27 | 21.36 | 21.40 | | |
| 15 | QPSK | 75 | 0 | 21.29 | 21.47 | 21.36 | | |
| 15 | 16QAM | 1 | 0 | 21.41 | 21.42 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.42 | 21.35 | 21.58 | | |
| 15 | 16QAM | 1 | 74 | 21.36 | 21.36 | 21.64 | | |
| 15 | 16QAM | 36 | 0 | 20.31 | 20.39 | 20.28 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.35 | 20.41 | 20.46 | | |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.47 | 20.37 | | |
| 15 | 16QAM | 75 | 0 | 20.28 | 20.38 | 20.45 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.64 | 20.88 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.63 | 20.65 | 20.82 | | |
| 15 | 64QAM | 1 | 74 | 20.54 | 20.66 | 20.68 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.42 | 19.43 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.42 | 19.47 | 19.52 | | |
| 15 | 64QAM | 36 | 39 | 19.24 | 19.41 | 19.48 | | |
| 15 | 64QAM | 75 | 0 | 19.25 | 19.43 | 19.48 | | |
| 15 | 256QAM | 1 | 0 | 17.28 | 17.20 | 17.25 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.16 | 17.30 | 17.39 | | |
| 15 | 256QAM | 1 | 74 | 17.12 | 17.22 | 17.27 | | |
| 15 | 256QAM | 36 | 0 | 17.26 | 17.23 | 17.39 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.39 | 17.38 | 17.41 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.25 | 17.42 | | |
| 15 | 256QAM | 75 | 0 | 17.14 | 17.16 | 17.16 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.58 | 22.47 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.17 | 22.42 | 22.35 | | |
| 10 | QPSK | 1 | 49 | 22.25 | 22.31 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.31 | 21.58 | 21.49 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.29 | 21.46 | 21.47 | | |
| 10 | QPSK | 25 | 25 | 21.26 | 21.39 | 21.47 | | |
| 10 | QPSK | 50 | 0 | 21.38 | 21.47 | 21.37 | | |
| 10 | 16QAM | 1 | 0 | 21.34 | 21.53 | 21.57 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.41 | 21.33 | 21.50 | | |
| 10 | 16QAM | 1 | 49 | 21.51 | 21.44 | 21.87 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.51 | 20.33 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.35 | 20.42 | | |
| 10 | 16QAM | 25 | 25 | 20.40 | 20.47 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.20 | 20.46 | 20.37 | | |
| 10 | 64QAM | 1 | 0 | 20.43 | 20.74 | 20.89 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.59 | 20.60 | 20.94 | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.67 | | |
| 10 | 64QAM | 25 | 0 | 19.24 | 19.39 | 19.52 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.51 | 19.43 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.45 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.25 | 19.49 | 19.41 | | |
| 10 | 256QAM | 1 | 0 | 17.35 | 17.27 | 17.25 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.30 | 17.35 | 17.35 | | |
| 10 | 256QAM | 1 | 49 | 17.19 | 17.31 | 17.29 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.23 | 17.34 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.25 | 17.53 | | |
| 10 | 256QAM | 25 | 25 | 17.37 | 17.22 | 17.41 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.23 | 17.22 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.36 | 22.53 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.20 | 22.54 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.27 | 22.21 | | |
| 5 | QPSK | 12 | 0 | 21.30 | 21.51 | 21.53 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.30 | 21.39 | 21.53 | | |
| 5 | QPSK | 12 | 13 | 21.23 | 21.42 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.36 | 21.44 | | |
| 5 | 16QAM | 1 | 0 | 21.40 | 21.57 | 21.56 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.42 | 21.39 | 21.49 | | |
| 5 | 16QAM | 1 | 24 | 21.41 | 21.44 | 21.87 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.47 | 20.40 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.46 | 20.43 | | |
| 5 | 16QAM | 12 | 13 | 20.31 | 20.52 | 20.44 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.41 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.36 | 20.75 | 20.93 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.60 | 20.82 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.59 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.44 | 19.47 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.52 | 19.44 | 19.57 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.51 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.22 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.39 | 17.26 | 17.32 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.24 | 17.34 | 17.48 | | |
| 5 | 256QAM | 1 | 24 | 17.14 | 17.20 | 17.23 | | |
| 5 | 256QAM | 12 | 0 | 17.30 | 17.36 | 17.41 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.25 | 17.41 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.33 | 17.37 | | |
| 5 | 256QAM | 25 | 0 | 17.14 | 17.14 | 17.22 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.49 | 22.52 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.21 | 22.51 | 22.37 | | |
| 3 | QPSK | 1 | 14 | 22.22 | 22.29 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.30 | 21.50 | 21.50 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.29 | 21.39 | 21.39 | | |
| 3 | QPSK | 8 | 7 | 21.20 | 21.38 | 21.34 | | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.43 | 21.33 | | |
| 3 | 16QAM | 1 | 0 | 21.40 | 21.48 | 21.37 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.42 | 21.36 | 21.57 | | |
| 3 | 16QAM | 1 | 14 | 21.49 | 21.33 | 21.63 | | |
| 3 | 16QAM | 8 | 0 | 20.28 | 20.43 | 20.29 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.24 | 20.42 | 20.38 | | |
| 3 | 16QAM | 8 | 7 | 20.32 | 20.52 | 20.42 | | |
| 3 | 16QAM | 15 | 0 | 20.30 | 20.39 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.34 | 20.71 | 20.85 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.60 | 20.96 | | |
| 3 | 64QAM | 1 | 14 | 20.66 | 20.62 | 20.70 | | |
| 3 | 64QAM | 8 | 0 | 19.28 | 19.52 | 19.50 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.42 | 19.45 | 19.52 | | |
| 3 | 64QAM | 8 | 7 | 19.34 | 19.49 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.40 | 19.42 | | |
| 3 | 256QAM | 1 | 0 | 17.28 | 17.34 | 17.27 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.27 | 17.31 | 17.38 | | |
| 3 | 256QAM | 1 | 14 | 17.22 | 17.20 | 17.31 | | |
| 3 | 256QAM | 8 | 0 | 17.25 | 17.35 | 17.43 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.37 | 17.46 | | |
| 3 | 256QAM | 8 | 7 | 17.36 | 17.34 | 17.42 | | |
| 3 | 256QAM | 15 | 0 | 17.05 | 17.17 | 17.21 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.38 | 22.54 | 22.56 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.50 | 22.38 | | |
| 1.4 | QPSK | 1 | 5 | 22.33 | 22.25 | 22.16 | | |
| 1.4 | QPSK | 3 | 0 | 22.15 | 22.35 | 22.23 | | |
| 1.4 | QPSK | 3 | 1 | 22.07 | 22.16 | 22.23 | | |
| 1.4 | QPSK | 3 | 3 | 22.14 | 22.12 | 22.18 | | |
| 1.4 | QPSK | 6 | 0 | 21.39 | 21.42 | 21.32 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.53 | 21.60 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.44 | 21.39 | 21.60 | | |
| 1.4 | 16QAM | 1 | 5 | 21.42 | 21.43 | 21.76 | | |
| 1.4 | 16QAM | 3 | 0 | 21.38 | 21.45 | 21.39 | | |
| 1.4 | 16QAM | 3 | 1 | 21.36 | 21.40 | 21.46 | | |
| 1.4 | 16QAM | 3 | 3 | 21.30 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 6 | 0 | 20.19 | 20.44 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.46 | 20.65 | 20.93 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.52 | 20.68 | 20.88 | | |
| 1.4 | 64QAM | 1 | 5 | 20.59 | 20.63 | 20.64 | | |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.50 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.47 | 20.42 | 20.54 | | |
| 1.4 | 64QAM | 3 | 3 | 20.30 | 20.51 | 20.37 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.34 | 19.47 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.34 | 17.32 | 17.35 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.24 | 17.31 | 17.49 | | |
| 1.4 | 256QAM | 1 | 5 | 17.17 | 17.30 | 17.19 | | |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.29 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.38 | 17.38 | 17.45 | | |
| 1.4 | 256QAM | 3 | 3 | 17.38 | 17.26 | 17.35 | | |
| 1.4 | 256QAM | 6 | 0 | 17.18 | 17.17 | 17.26 | 19 | 5 |

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| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.55 | 22.66 | 22.65 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.50 | 22.30 | 22.33 | | |
| 20 | QPSK | 1 | 99 | 22.24 | 22.36 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.60 | 21.46 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.57 | 21.51 | 21.41 | | |
| 20 | QPSK | 50 | 50 | 21.54 | 21.47 | 21.42 | | |
| 20 | QPSK | 100 | 0 | 21.46 | 21.58 | 21.45 | | |
| 20 | 16QAM | 1 | 0 | 21.63 | 21.71 | 21.73 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.91 | 21.85 | 21.66 | | |
| 20 | 16QAM | 1 | 99 | 21.87 | 21.75 | 21.43 | | |
| 20 | 16QAM | 50 | 0 | 20.53 | 20.50 | 20.43 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.55 | 20.34 | | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.43 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.54 | 20.45 | 20.33 | | |
| 20 | 64QAM | 1 | 0 | 20.57 | 20.53 | 20.68 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.58 | 20.69 | 20.83 | | |
| 20 | 64QAM | 1 | 99 | 20.40 | 20.50 | 20.45 | | |
| 20 | 64QAM | 50 | 0 | 19.48 | 19.50 | 19.50 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.56 | 19.52 | 19.40 | | |
| 20 | 64QAM | 50 | 50 | 19.49 | 19.59 | 19.35 | | |
| 20 | 64QAM | 100 | 0 | 19.55 | 19.51 | 19.37 | | |
| 20 | 256QAM | 1 | 0 | 17.46 | 17.51 | 17.40 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.45 | 17.41 | 17.34 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.44 | 17.31 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.32 | 17.22 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.34 | 17.33 | 17.16 | | |
| 20 | 256QAM | 50 | 50 | 17.38 | 17.38 | 17.32 | | |
| 20 | 256QAM | 100 | 0 | 17.35 | 17.31 | 17.14 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.49 | 22.58 | 22.61 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.45 | 22.21 | 22.27 | | |
| 15 | QPSK | 1 | 74 | 22.17 | 22.56 | 22.22 | | |
| 15 | QPSK | 36 | 0 | 21.64 | 21.54 | 21.36 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.53 | 21.44 | 21.37 | | |
| 15 | QPSK | 36 | 39 | 21.49 | 21.45 | 21.42 | | |
| 15 | QPSK | 75 | 0 | 21.42 | 21.55 | 21.39 | | |
| 15 | 16QAM | 1 | 0 | 21.54 | 21.62 | 21.75 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.90 | 21.84 | 21.59 | | |
| 15 | 16QAM | 1 | 74 | 21.90 | 21.77 | 21.39 | | |
| 15 | 16QAM | 36 | 0 | 20.48 | 20.46 | 20.35 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.62 | 20.47 | 20.28 | | |
| 15 | 16QAM | 36 | 39 | 20.51 | 20.53 | 20.32 | | |
| 15 | 16QAM | 75 | 0 | 20.50 | 20.36 | 20.36 | | |
| 15 | 64QAM | 1 | 0 | 20.48 | 20.47 | 20.65 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.57 | 20.61 | 20.77 | | |
| 15 | 64QAM | 1 | 74 | 20.45 | 20.43 | 20.47 | | |
| 15 | 64QAM | 36 | 0 | 19.49 | 19.44 | 19.48 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.49 | 19.39 | | |
| 15 | 64QAM | 36 | 39 | 19.54 | 19.53 | 19.28 | | |
| 15 | 64QAM | 75 | 0 | 19.55 | 19.46 | 19.37 | | |
| 15 | 256QAM | 1 | 0 | 17.36 | 17.45 | 17.38 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.41 | 17.35 | 17.34 | | |
| 15 | 256QAM | 1 | 74 | 17.51 | 17.35 | 17.25 | | |
| 15 | 256QAM | 36 | 0 | 17.19 | 17.26 | 17.12 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.25 | 17.33 | 17.11 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.37 | 17.34 | | |
| 15 | 256QAM | 75 | 0 | 17.33 | 17.24 | 17.07 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.57 | 22.62 | 22.57 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.53 | 22.25 | 22.27 | | |
| 10 | QPSK | 1 | 49 | 22.29 | 22.26 | 22.23 | | |
| 10 | QPSK | 25 | 0 | 21.53 | 21.53 | 21.38 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.49 | 21.42 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.57 | 21.42 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.48 | 21.59 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.54 | 21.72 | 21.72 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.89 | 21.85 | 21.71 | | |
| 10 | 16QAM | 1 | 49 | 21.78 | 21.69 | 21.40 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.46 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.48 | 20.46 | 20.35 | | |
| 10 | 16QAM | 25 | 25 | 20.53 | 20.43 | 20.37 | | |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.38 | 20.33 | | |
| 10 | 64QAM | 1 | 0 | 20.50 | 20.51 | 20.67 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.58 | 20.73 | 20.87 | | |
| 10 | 64QAM | 1 | 49 | 20.37 | 20.46 | 20.47 | | |
| 10 | 64QAM | 25 | 0 | 19.44 | 19.50 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.47 | 19.53 | 19.42 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.34 | | |
| 10 | 64QAM | 50 | 0 | 19.46 | 19.49 | 19.37 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.45 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.37 | 17.41 | 17.28 | | |
| 10 | 256QAM | 1 | 49 | 17.52 | 17.42 | 17.31 | | |
| 10 | 256QAM | 25 | 0 | 17.17 | 17.34 | 17.24 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.26 | 17.32 | 17.17 | | |
| 10 | 256QAM | 25 | 25 | 17.29 | 17.34 | 17.34 | | |
| 10 | 256QAM | 50 | 0 | 17.25 | 17.36 | 17.08 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.59 | 22.64 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.55 | 22.21 | 22.28 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.34 | 22.23 | | |
| 5 | QPSK | 12 | 0 | 21.62 | 21.51 | 21.37 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.62 | 21.45 | 21.33 | | |
| 5 | QPSK | 12 | 13 | 21.53 | 21.48 | 21.32 | | |
| 5 | QPSK | 25 | 0 | 21.37 | 21.52 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.64 | 21.77 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.83 | 21.83 | 21.58 | | |
| 5 | 16QAM | 1 | 24 | 21.78 | 21.78 | 21.33 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.50 | 20.35 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.52 | 20.37 | | |
| 5 | 16QAM | 12 | 13 | 20.56 | 20.37 | 20.28 | | |
| 5 | 16QAM | 25 | 0 | 20.58 | 20.42 | 20.29 | | |
| 5 | 64QAM | 1 | 0 | 20.47 | 20.46 | 20.66 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.63 | 20.73 | | |
| 5 | 64QAM | 1 | 24 | 20.40 | 20.41 | 20.37 | | |
| 5 | 64QAM | 12 | 0 | 19.51 | 19.42 | 19.41 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.46 | 19.53 | 19.38 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.59 | 19.29 | | |
| 5 | 64QAM | 25 | 0 | 19.57 | 19.46 | 19.32 | | |
| 5 | 256QAM | 1 | 0 | 17.37 | 17.48 | 17.45 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.41 | 17.44 | 17.37 | | |
| 5 | 256QAM | 1 | 24 | 17.55 | 17.37 | 17.24 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.33 | 17.17 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.29 | 17.31 | 17.18 | | |
| 5 | 256QAM | 12 | 13 | 17.35 | 17.42 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.31 | 17.24 | 17.05 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.53 | 22.60 | 22.56 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.45 | 22.33 | 22.30 | | |
| 3 | QPSK | 1 | 14 | 22.29 | 22.33 | 22.22 | | |
| 3 | QPSK | 8 | 0 | 21.53 | 21.53 | 21.47 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.59 | 21.56 | 21.31 | | |
| 3 | QPSK | 8 | 7 | 21.52 | 21.52 | 21.42 | | |
| 3 | QPSK | 15 | 0 | 21.44 | 21.55 | 21.45 | | |
| 3 | 16QAM | 1 | 0 | 21.54 | 21.75 | 21.67 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.91 | 21.82 | 21.59 | | |
| 3 | 16QAM | 1 | 14 | 21.91 | 21.73 | 21.47 | | |
| 3 | 16QAM | 8 | 0 | 20.52 | 20.48 | 20.40 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.46 | 20.48 | 20.35 | | |
| 3 | 16QAM | 8 | 7 | 20.52 | 20.34 | 20.40 | | |
| 3 | 16QAM | 15 | 0 | 20.55 | 20.50 | 20.26 | | |
| 3 | 64QAM | 1 | 0 | 20.56 | 20.44 | 20.68 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.61 | 20.68 | 20.85 | | |
| 3 | 64QAM | 1 | 14 | 20.36 | 20.44 | 20.50 | | |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.49 | 19.50 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.50 | 19.46 | 19.34 | | |
| 3 | 64QAM | 8 | 7 | 19.43 | 19.53 | 19.34 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.43 | 19.42 | | |
| 3 | 256QAM | 1 | 0 | 17.41 | 17.43 | 17.33 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.46 | 17.40 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.49 | 17.38 | 17.31 | | |
| 3 | 256QAM | 8 | 0 | 17.24 | 17.30 | 17.19 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.31 | 17.29 | 17.13 | | |
| 3 | 256QAM | 8 | 7 | 17.37 | 17.42 | 17.28 | | |
| 3 | 256QAM | 15 | 0 | 17.27 | 17.29 | 17.11 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.46 | 22.58 | 22.61 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.47 | 22.21 | 22.29 | | |
| 1.4 | QPSK | 1 | 5 | 22.34 | 22.32 | 22.20 | | |
| 1.4 | QPSK | 3 | 0 | 22.29 | 22.30 | 22.16 | | |
| 1.4 | QPSK | 3 | 1 | 22.32 | 22.36 | 22.18 | | |
| 1.4 | QPSK | 3 | 3 | 22.39 | 22.32 | 22.15 | | |
| 1.4 | QPSK | 6 | 0 | 21.46 | 21.56 | 21.38 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.57 | 21.61 | 21.68 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.92 | 21.69 | 21.70 | | |
| 1.4 | 16QAM | 1 | 5 | 21.77 | 21.77 | 21.42 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.44 | 21.45 | | |
| 1.4 | 16QAM | 3 | 1 | 21.60 | 21.47 | 21.37 | | |
| 1.4 | 16QAM | 3 | 3 | 21.53 | 21.42 | 21.35 | | |
| 1.4 | 16QAM | 6 | 0 | 20.57 | 20.49 | 20.31 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.58 | 20.55 | 20.69 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.69 | 20.82 | | |
| 1.4 | 64QAM | 1 | 5 | 20.45 | 20.55 | 20.37 | | |
| 1.4 | 64QAM | 3 | 0 | 20.53 | 20.47 | 20.46 | | |
| 1.4 | 64QAM | 3 | 1 | 20.55 | 20.50 | 20.34 | | |
| 1.4 | 64QAM | 3 | 3 | 20.41 | 20.54 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.45 | 19.42 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.42 | 17.49 | 17.31 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.45 | 17.34 | 17.30 | | |
| 1.4 | 256QAM | 1 | 5 | 17.55 | 17.49 | 17.30 | | |
| 1.4 | 256QAM | 3 | 0 | 17.20 | 17.31 | 17.16 | | |
| 1.4 | 256QAM | 3 | 1 | 17.35 | 17.38 | 17.17 | | |
| 1.4 | 256QAM | 3 | 3 | 17.34 | 17.30 | 17.22 | | |
| 1.4 | 256QAM | 6 | 0 | 17.36 | 17.24 | 17.13 | 19 | 5 |

## Band 38_Ant 1(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 | 22.52 | 22.59 | 22.45 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.43 | 22.42 | | |
| 20 | QPSK | 1 | 99 | 22.46 | 22.46 | 22.38 | | |
| 20 | QPSK | 50 | 0 | 21.27 | 21.34 | 21.19 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.15 | 21.25 | 21.17 | | |
| 20 | QPSK | 50 | 50 | 21.20 | 21.26 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.75 | 21.76 | 21.70 | | |
| 20 | 16QAM | 1 | 0 | 21.70 | 21.69 | 21.65 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.62 | 21.71 | 21.65 | | |
| 20 | 16QAM | 1 | 99 | 21.51 | 21.60 | 21.55 | | |
| 20 | 16QAM | 50 | 0 | 20.06 | 20.16 | 20.16 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.15 | 20.25 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.27 | 20.20 | | |
| 20 | 16QAM | 100 | 0 | 20.06 | 20.13 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.31 | 20.27 | 20.24 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.35 | 20.37 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.35 | 20.35 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.57 | 22.49 | 22.36 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.32 | 22.35 | 22.46 | | |
| 15 | QPSK | 1 | 74 | 22.40 | 22.48 | 22.37 | | |
| 15 | QPSK | 36 | 0 | 21.31 | 21.33 | 21.11 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.12 | 21.17 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.19 | 21.28 | 21.14 | | |
| 15 | QPSK | 75 | 0 | 21.66 | 21.78 | 21.68 | | |
| 15 | 16QAM | 1 | 0 | 21.64 | 21.62 | 21.70 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.53 | 21.64 | 21.67 | | |
| 15 | 16QAM | 1 | 74 | 21.50 | 21.58 | 21.57 | | |
| 15 | 16QAM | 36 | 0 | 20.10 | 20.17 | 20.15 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.07 | 20.18 | 20.19 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.29 | 20.20 | | |
| 15 | 16QAM | 75 | 0 | 20.07 | 20.10 | 20.15 | | |
| 15 | 64QAM | 1 | 0 | 20.35 | 20.24 | 20.16 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.40 | 20.30 | 20.28 | | |
| 15 | 64QAM | 1 | 74 | 20.33 | 20.32 | 20.39 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.54 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.36 | 22.45 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.39 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.32 | 21.17 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.14 | 21.22 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.18 | 21.20 | 21.17 | | |
| 10 | QPSK | 50 | 0 | 21.66 | 21.77 | 21.61 | | |
| 10 | 16QAM | 1 | 0 | 21.75 | 21.68 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.66 | 21.63 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.43 | 21.54 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.11 | 20.07 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.10 | 20.20 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.12 | 20.27 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.02 | 20.16 | 20.15 | | |
| 10 | 64QAM | 1 | 0 | 20.34 | 20.26 | 20.14 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.27 | 20.27 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.31 | 20.28 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.49 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.36 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.45 | 22.43 | 22.32 | | |
| 5 | QPSK | 12 | 0 | 21.20 | 21.34 | 21.19 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.19 | 21.26 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.19 | 21.24 | 21.20 | | |
| 5 | QPSK | 25 | 0 | 21.76 | 21.81 | 21.68 | | |
| 5 | 16QAM | 1 | 0 | 21.75 | 21.64 | 21.62 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.60 | 21.71 | 21.59 | | |
| 5 | 16QAM | 1 | 24 | 21.42 | 21.58 | 21.45 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.18 | 20.07 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.12 | 20.24 | 20.22 | | |
| 5 | 16QAM | 12 | 13 | 20.22 | 20.27 | 20.25 | | |
| 5 | 16QAM | 25 | 0 | 20.04 | 20.10 | 20.06 | | |
| 5 | 64QAM | 1 | 0 | 20.28 | 20.24 | 20.16 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.29 | 20.34 | 20.35 | | |
| 5 | 64QAM | 1 | 24 | 20.25 | 20.35 | 20.29 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 22.66 | 22.78 | 22.65 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.65 | 22.67 | 22.58 | | |
| 20 | QPSK | 1 | 99 | 22.63 | 22.66 | 22.63 | | |
| 20 | QPSK | 50 | 0 | 21.87 | 21.98 | 21.84 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.81 | 21.81 | 21.79 | | |
| 20 | QPSK | 50 | 50 | 21.82 | 21.84 | 21.75 | | |
| 20 | QPSK | 100 | 0 | 22.05 | 22.07 | 22.02 | | |
| 20 | 16QAM | 1 | 0 | 21.94 | 21.85 | 21.97 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.02 | 22.00 | 21.97 | | |
| 20 | 16QAM | 1 | 99 | 22.04 | 22.24 | 21.95 | | |
| 20 | 16QAM | 50 | 0 | 20.87 | 20.74 | 20.75 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.92 | 20.75 | 20.93 | | |
| 20 | 16QAM | 50 | 50 | 20.91 | 20.85 | 20.79 | | |
| 20 | 16QAM | 100 | 0 | 20.87 | 20.80 | 20.91 | | |
| 20 | 64QAM | 1 | 0 | 20.72 | 20.64 | 20.70 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.80 | 20.90 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.77 | 20.66 | 20.74 | | |
| 20 | 64QAM | 50 | 0 | 19.91 | 19.76 | 19.70 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.95 | 19.91 | 19.86 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 19.83 | 19.79 | | |
| 20 | 64QAM | 100 | 0 | 19.93 | 19.79 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.58 | 17.66 | 17.81 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.69 | 17.82 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.63 | 17.60 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.70 | 17.68 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.74 | 17.69 | 17.67 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.67 | 17.69 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.65 | 17.66 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.72 | 22.70 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.63 | 22.60 | 22.60 | | |
| 15 | QPSK | 1 | 74 | 22.59 | 22.63 | 22.59 | | |
| 15 | QPSK | 36 | 0 | 21.85 | 21.88 | 21.86 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.72 | 21.73 | 21.71 | | |
| 15 | QPSK | 36 | 39 | 21.75 | 21.80 | 21.80 | | |
| 15 | QPSK | 75 | 0 | 21.95 | 22.03 | 21.92 | | |
| 15 | 16QAM | 1 | 0 | 21.88 | 21.85 | 21.87 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.05 | 21.98 | 21.95 | | |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.26 | 21.91 | | |
| 15 | 16QAM | 36 | 0 | 20.79 | 20.70 | 20.71 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.90 | 20.73 | 20.85 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.84 | 20.84 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.72 | 20.89 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.58 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.82 | 20.85 | 20.79 | | |
| 15 | 64QAM | 1 | 74 | 20.79 | 20.66 | 20.65 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.75 | 19.69 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.85 | 19.82 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.85 | 19.84 | 19.79 | | |
| 15 | 64QAM | 75 | 0 | 19.95 | 19.75 | 19.81 | | |
| 15 | 256QAM | 1 | 0 | 17.56 | 17.61 | 17.80 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.74 | 17.59 | 17.72 | | |
| 15 | 256QAM | 1 | 74 | 17.45 | 17.64 | 17.59 | | |
| 15 | 256QAM | 36 | 0 | 17.70 | 17.60 | 17.64 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.65 | 17.74 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.54 | 17.70 | 17.72 | | |
| 15 | 256QAM | 75 | 0 | 17.55 | 17.64 | 17.69 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.69 | 22.62 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.66 | 22.68 | 22.63 | | |
| 10 | QPSK | 1 | 49 | 22.60 | 22.56 | 22.68 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 21.96 | 21.77 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.78 | 21.75 | | |
| 10 | QPSK | 25 | 25 | 21.80 | 21.85 | 21.71 | | |
| 10 | QPSK | 50 | 0 | 22.02 | 21.98 | 21.93 | | |
| 10 | 16QAM | 1 | 0 | 21.99 | 21.79 | 21.99 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.97 | 22.03 | 21.93 | | |
| 10 | 16QAM | 1 | 49 | 22.06 | 22.28 | 21.95 | | |
| 10 | 16QAM | 25 | 0 | 20.84 | 20.75 | 20.79 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.96 | 20.72 | 20.88 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.76 | 20.73 | | |
| 10 | 16QAM | 50 | 0 | 20.85 | 20.81 | 20.83 | | |
| 10 | 64QAM | 1 | 0 | 20.64 | 20.69 | 20.69 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.80 | 20.83 | 20.79 | | |
| 10 | 64QAM | 1 | 49 | 20.78 | 20.56 | 20.69 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.81 | 19.62 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.92 | 19.84 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.82 | 19.70 | | |
| 10 | 64QAM | 50 | 0 | 19.83 | 19.70 | 19.82 | | |
| 10 | 256QAM | 1 | 0 | 17.56 | 17.71 | 17.73 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.78 | 17.66 | 17.73 | | |
| 10 | 256QAM | 1 | 49 | 17.47 | 17.57 | 17.57 | | |
| 10 | 256QAM | 25 | 0 | 17.78 | 17.75 | 17.65 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.70 | 17.61 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.59 | 17.66 | 17.59 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.60 | 17.62 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.72 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.61 | 22.58 | 22.57 | | |
| 5 | QPSK | 1 | 24 | 22.64 | 22.68 | 22.64 | | |
| 5 | QPSK | 12 | 0 | 21.80 | 21.90 | 21.78 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.73 | 21.85 | 21.71 | | |
| 5 | QPSK | 12 | 13 | 21.76 | 21.89 | 21.71 | | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.09 | 21.99 | | |
| 5 | 16QAM | 1 | 0 | 21.99 | 21.87 | 22.00 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.96 | 22.05 | 21.99 | | |
| 5 | 16QAM | 1 | 24 | 22.02 | 22.17 | 21.94 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.68 | 20.70 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.84 | 20.74 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.82 | 20.84 | 20.69 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.74 | 20.82 | | |
| 5 | 64QAM | 1 | 0 | 20.64 | 20.60 | 20.66 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.77 | 20.93 | 20.75 | | |
| 5 | 64QAM | 1 | 24 | 20.71 | 20.70 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 19.80 | 19.64 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.99 | 19.88 | 19.90 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.74 | 19.82 | | |
| 5 | 64QAM | 25 | 0 | 19.96 | 19.83 | 19.81 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.70 | 17.72 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.61 | 17.78 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.68 | 17.63 | | |
| 5 | 256QAM | 12 | 0 | 17.76 | 17.67 | 17.67 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.77 | 17.66 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.59 | 17.62 | 17.59 | | |
| 5 | 256QAM | 25 | 0 | 17.54 | 17.56 | 17.62 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 23.03 | 23.02 | 23.05 | 22.85 | 22.56 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.86 | 22.92 | 22.96 | 22.56 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.81 | 22.82 | 22.88 | 22.62 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.86 | 21.84 | 21.89 | 21.73 | 21.63 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.83 | 21.83 | 21.84 | 21.72 | 21.58 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.78 | 21.85 | 21.71 | 21.60 | | |
| 20 | QPSK | 100 | 0 | 22.57 | 22.57 | 22.62 | 22.04 | 21.80 | | |
| 20 | 16QAM | 1 | 0 | 22.52 | 22.62 | 22.45 | 21.99 | 21.75 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.26 | 22.34 | 21.85 | 21.72 | | |
| 20 | 16QAM | 1 | 99 | 22.23 | 22.29 | 22.32 | 21.81 | 21.68 | | |
| 20 | 16QAM | 50 | 0 | 20.89 | 20.88 | 20.91 | 20.76 | 20.59 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.84 | 20.82 | 20.89 | 20.69 | 20.50 | | |
| 20 | 16QAM | 50 | 50 | 20.85 | 20.89 | 20.90 | 20.65 | 20.55 | | |
| 20 | 16QAM | 100 | 0 | 20.78 | 20.80 | 20.83 | 20.69 | 20.52 | | |
| 20 | 64QAM | 1 | 0 | 21.01 | 21.10 | 21.08 | 20.62 | 20.58 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.95 | 21.02 | 20.61 | 20.44 | | |
| 20 | 64QAM | 1 | 99 | 20.97 | 21.01 | 21.04 | 20.59 | 20.53 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.02 | 22.97 | 23.03 | 22.82 | 22.53 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.94 | 22.88 | 22.57 | 22.40 | | |
| 15 | QPSK | 1 | 74 | 22.79 | 22.84 | 22.92 | 22.66 | 22.50 | | |
| 15 | QPSK | 36 | 0 | 21.81 | 21.77 | 21.82 | 21.77 | 21.55 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.75 | 21.88 | 21.72 | 21.55 | | |
| 15 | QPSK | 36 | 39 | 21.87 | 21.77 | 21.87 | 21.75 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.53 | 22.61 | 22.06 | 21.73 | | |
| 15 | 16QAM | 1 | 0 | 22.43 | 22.62 | 22.44 | 21.91 | 21.78 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.27 | 22.31 | 22.31 | 21.80 | 21.75 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.26 | 22.32 | 21.86 | 21.63 | | |
| 15 | 16QAM | 36 | 0 | 20.94 | 20.80 | 20.92 | 20.73 | 20.50 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.79 | 20.78 | 20.84 | 20.61 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.78 | 20.94 | 20.90 | 20.58 | 20.54 | | |
| 15 | 16QAM | 75 | 0 | 20.70 | 20.79 | 20.78 | 20.62 | 20.50 | | |
| 15 | 64QAM | 1 | 0 | 21.03 | 21.09 | 21.01 | 20.56 | 20.51 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.85 | 20.96 | 20.65 | 20.49 | | |
| 15 | 64QAM | 1 | 74 | 20.95 | 20.94 | 21.09 | 20.61 | 20.47 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.98 | 23.03 | 22.99 | 22.78 | 22.46 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.96 | 22.90 | 22.53 | 22.30 | | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.79 | 22.87 | 22.52 | 22.40 | | |
| 10 | QPSK | 25 | 0 | 21.87 | 21.87 | 21.80 | 21.69 | 21.55 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.87 | 21.85 | 21.75 | 21.67 | 21.49 | | |
| 10 | QPSK | 25 | 25 | 21.79 | 21.82 | 21.75 | 21.74 | 21.53 | | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.49 | 22.52 | 22.06 | 21.85 | | |
| 10 | 16QAM | 1 | 0 | 22.50 | 22.62 | 22.38 | 21.96 | 21.75 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.28 | 22.24 | 22.28 | 21.89 | 21.65 | | |
| 10 | 16QAM | 1 | 49 | 22.24 | 22.32 | 22.22 | 21.78 | 21.73 | | |
| 10 | 16QAM | 25 | 0 | 20.86 | 20.80 | 20.88 | 20.78 | 20.62 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.81 | 20.90 | 20.65 | 20.42 | | |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.94 | 20.82 | 20.70 | 20.57 | | |
| 10 | 16QAM | 50 | 0 | 20.68 | 20.82 | 20.77 | 20.70 | 20.42 | | |
| 10 | 64QAM | 1 | 0 | 21.06 | 21.02 | 21.07 | 20.52 | 20.49 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.96 | 20.94 | 20.93 | 20.51 | 20.34 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 21.00 | 21.00 | 20.64 | 20.49 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.93 | 22.99 | 23.04 | 22.84 | 22.58 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.82 | 22.87 | 22.46 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.86 | 22.77 | 22.79 | 22.60 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.83 | 21.84 | 21.92 | 21.71 | 21.64 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.80 | 21.80 | 21.86 | 21.71 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.86 | 21.78 | 21.78 | 21.76 | 21.61 | | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.49 | 22.58 | 22.05 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.44 | 22.56 | 22.50 | 22.01 | 21.79 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.26 | 22.19 | 22.24 | 21.79 | 21.66 | | |
| 5 | 16QAM | 1 | 24 | 22.14 | 22.19 | 22.35 | 21.74 | 21.66 | | |
| 5 | 16QAM | 12 | 0 | 20.84 | 20.83 | 20.90 | 20.78 | 20.61 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.77 | 20.72 | 20.81 | 20.72 | 20.40 | | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.79 | 20.92 | 20.60 | 20.45 | | |
| 5 | 16QAM | 25 | 0 | 20.75 | 20.84 | 20.82 | 20.72 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 21.00 | 21.01 | 21.13 | 20.66 | 20.56 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.98 | 20.98 | 21.03 | 20.66 | 20.37 | | |
| 5 | 64QAM | 1 | 24 | 20.92 | 21.02 | 21.01 | 20.53 | 20.43 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 22.73 | 22.76 | 22.79 | 22.75 | 22.75 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.49 | 22.64 | 22.75 | 22.61 | 22.56 | | |
| 20 | QPSK | 1 | 99 | 22.72 | 22.75 | 22.76 | 22.73 | 22.61 | | |
| 20 | QPSK | 50 | 0 | 22.29 | 22.54 | 22.58 | 22.41 | 22.44 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 22.19 | 22.44 | 22.33 | 22.32 | 22.36 | | |
| 20 | QPSK | 50 | 50 | 22.22 | 22.32 | 22.35 | 22.40 | 22.23 | | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.53 | 22.57 | 22.53 | 22.56 | | |
| 20 | 16QAM | 1 | 0 | 22.30 | 22.40 | 22.52 | 22.50 | 22.53 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.42 | 22.50 | 22.59 | 22.56 | 22.40 | | |
| 20 | 16QAM | 1 | 99 | 22.38 | 22.74 | 22.64 | 22.53 | 22.48 | | |
| 20 | 16QAM | 50 | 0 | 21.22 | 21.46 | 21.50 | 21.43 | 21.40 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.42 | 21.53 | 21.38 | 21.35 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.44 | 21.37 | 21.45 | 21.39 | | |
| 20 | 16QAM | 100 | 0 | 21.03 | 21.52 | 21.44 | 21.35 | 21.40 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.20 | 21.46 | 21.33 | 21.44 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.12 | 21.13 | 21.32 | 21.38 | 21.23 | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.35 | 21.35 | 21.37 | 21.38 | | |
| 20 | 64QAM | 50 | 0 | 20.28 | 20.43 | 20.48 | 20.42 | 20.37 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.41 | 20.46 | 20.40 | 20.43 | | |
| 20 | 64QAM | 50 | 50 | 20.18 | 20.42 | 20.39 | 20.47 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.21 | 20.56 | 20.45 | 20.44 | 20.43 | | |
| 20 | 256QAM | 1 | 0 | 17.94 | 17.81 | 18.11 | 17.89 | 18.11 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.84 | 17.91 | 18.10 | 17.81 | 18.09 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.94 | 18.28 | 17.95 | 17.94 | | |
| 20 | 256QAM | 50 | 0 | 17.83 | 17.89 | 18.07 | 17.97 | 18.22 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 18.00 | 17.99 | 18.11 | 17.90 | 18.09 | | |
| 20 | 256QAM | 50 | 50 | 17.90 | 17.92 | 18.20 | 17.95 | 18.12 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.91 | 18.36 | 18.03 | 18.07 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.68 | 22.64 | 22.77 | 22.62 | 22.69 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.46 | 22.58 | 22.69 | 22.49 | 22.52 | | |
| 15 | QPSK | 1 | 74 | 22.70 | 22.67 | 22.70 | 22.67 | 22.56 | | |
| 15 | QPSK | 36 | 0 | 22.18 | 22.48 | 22.50 | 22.32 | 22.33 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 22.08 | 22.37 | 22.26 | 22.26 | 22.33 | | |
| 15 | QPSK | 36 | 39 | 22.16 | 22.27 | 22.33 | 22.31 | 22.17 | | |
| 15 | QPSK | 75 | 0 | 22.23 | 22.44 | 22.48 | 22.43 | 22.50 | | |
| 15 | 16QAM | 1 | 0 | 22.27 | 22.34 | 22.45 | 22.38 | 22.50 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.38 | 22.39 | 22.49 | 22.44 | 22.36 | | |
| 15 | 16QAM | 1 | 74 | 22.26 | 22.64 | 22.61 | 22.49 | 22.39 | | |
| 15 | 16QAM | 36 | 0 | 21.18 | 21.39 | 21.45 | 21.32 | 21.35 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 21.28 | 21.37 | 21.42 | 21.29 | 21.30 | | |
| 15 | 16QAM | 36 | 39 | 21.12 | 21.37 | 21.34 | 21.38 | 21.29 | | |
| 15 | 16QAM | 75 | 0 | 21.01 | 21.46 | 21.33 | 21.27 | 21.30 | | |
| 15 | 64QAM | 1 | 0 | 20.90 | 21.14 | 21.38 | 21.23 | 21.42 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.01 | 21.11 | 21.20 | 21.31 | 21.20 | | |
| 15 | 64QAM | 1 | 74 | 21.06 | 21.28 | 21.33 | 21.32 | 21.26 | | |
| 15 | 64QAM | 36 | 0 | 20.22 | 20.34 | 20.38 | 20.32 | 20.32 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.06 | 20.37 | 20.44 | 20.33 | 20.39 | | |
| 15 | 64QAM | 36 | 39 | 20.07 | 20.35 | 20.35 | 20.45 | 20.21 | | |
| 15 | 64QAM | 75 | 0 | 20.17 | 20.46 | 20.37 | 20.34 | 20.32 | | |
| 15 | 256QAM | 1 | 0 | 17.88 | 17.75 | 18.08 | 17.79 | 18.00 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.74 | 17.79 | 17.98 | 17.74 | 18.00 | | |
| 15 | 256QAM | 1 | 74 | 17.73 | 17.91 | 18.22 | 17.92 | 17.84 | | |
| 15 | 256QAM | 36 | 0 | 17.77 | 17.84 | 18.04 | 17.85 | 18.20 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.98 | 17.87 | 18.04 | 17.83 | 18.00 | | |
| 15 | 256QAM | 36 | 39 | 17.88 | 17.86 | 18.08 | 17.92 | 18.09 | | |
| 15 | 256QAM | 75 | 0 | 17.79 | 17.88 | 18.33 | 17.97 | 18.03 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.64 | 22.68 | 22.72 | 22.64 | 22.64 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.42 | 22.55 | 22.66 | 22.51 | 22.44 | | |
| 10 | QPSK | 1 | 49 | 22.63 | 22.67 | 22.71 | 22.65 | 22.49 | | |
| 10 | QPSK | 25 | 0 | 22.19 | 22.50 | 22.50 | 22.32 | 22.32 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 22.09 | 22.40 | 22.30 | 22.28 | 22.31 | | |
| 10 | QPSK | 25 | 25 | 22.19 | 22.24 | 22.32 | 22.37 | 22.13 | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.47 | 22.55 | 22.47 | 22.51 | | |
| 10 | 16QAM | 1 | 0 | 22.27 | 22.31 | 22.46 | 22.42 | 22.43 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.32 | 22.39 | 22.52 | 22.44 | 22.34 | | |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.64 | 22.53 | 22.41 | 22.45 | | |
| 10 | 16QAM | 25 | 0 | 21.18 | 21.36 | 21.46 | 21.37 | 21.29 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 21.20 | 21.35 | 21.46 | 21.29 | 21.27 | | |
| 10 | 16QAM | 25 | 25 | 21.05 | 21.36 | 21.25 | 21.39 | 21.33 | | |
| 10 | 16QAM | 50 | 0 | 21.01 | 21.40 | 21.39 | 21.23 | 21.38 | | |
| 10 | 64QAM | 1 | 0 | 21.00 | 21.17 | 21.35 | 21.23 | 21.37 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.03 | 21.02 | 21.23 | 21.34 | 21.14 | | |
| 10 | 64QAM | 1 | 49 | 21.09 | 21.27 | 21.26 | 21.31 | 21.28 | | |
| 10 | 64QAM | 25 | 0 | 20.17 | 20.41 | 20.45 | 20.34 | 20.32 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 20.29 | 20.35 | 20.38 | 20.41 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.38 | 20.27 | 20.41 | 20.25 | | |
| 10 | 64QAM | 50 | 0 | 20.12 | 20.51 | 20.38 | 20.39 | 20.31 | | |
| 10 | 256QAM | 1 | 0 | 17.89 | 17.70 | 17.99 | 17.83 | 18.04 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.80 | 18.08 | 17.74 | 18.07 | | |
| 10 | 256QAM | 1 | 49 | 17.79 | 17.91 | 18.18 | 17.83 | 17.87 | | |
| 10 | 256QAM | 25 | 0 | 17.71 | 17.86 | 18.04 | 17.92 | 18.19 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.89 | 17.90 | 18.09 | 17.85 | 18.02 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.90 | 18.13 | 17.91 | 18.08 | | |
| 10 | 256QAM | 50 | 0 | 17.82 | 17.84 | 18.24 | 17.97 | 17.97 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.65 | 22.72 | 22.71 | 22.61 | 22.65 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.45 | 22.60 | 22.64 | 22.50 | 22.52 | | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.67 | 22.73 | 22.64 | 22.50 | | |
| 5 | QPSK | 12 | 0 | 22.26 | 22.45 | 22.50 | 22.33 | 22.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 22.08 | 22.40 | 22.30 | 22.30 | 22.29 | | |
| 5 | QPSK | 12 | 13 | 22.18 | 22.21 | 22.28 | 22.29 | 22.16 | | |
| 5 | QPSK | 25 | 0 | 22.28 | 22.51 | 22.47 | 22.45 | 22.54 | | |
| 5 | 16QAM | 1 | 0 | 22.19 | 22.37 | 22.41 | 22.44 | 22.49 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.38 | 22.47 | 22.49 | 22.53 | 22.30 | | |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.65 | 22.61 | 22.51 | 22.45 | | |
| 5 | 16QAM | 12 | 0 | 21.20 | 21.44 | 21.47 | 21.35 | 21.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.34 | 21.43 | 21.33 | 21.27 | | |
| 5 | 16QAM | 12 | 13 | 21.10 | 21.32 | 21.34 | 21.42 | 21.33 | | |
| 5 | 16QAM | 25 | 0 | 20.97 | 21.44 | 21.38 | 21.28 | 21.38 | | |
| 5 | 64QAM | 1 | 0 | 20.97 | 21.09 | 21.43 | 21.23 | 21.39 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.06 | 21.26 | 21.36 | 21.18 | | |
| 5 | 64QAM | 1 | 24 | 21.08 | 21.31 | 21.33 | 21.26 | 21.33 | | |
| 5 | 64QAM | 12 | 0 | 20.25 | 20.40 | 20.42 | 20.30 | 20.34 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 20.00 | 20.32 | 20.38 | 20.38 | 20.35 | | |
| 5 | 64QAM | 12 | 13 | 20.16 | 20.30 | 20.28 | 20.41 | 20.22 | | |
| 5 | 64QAM | 25 | 0 | 20.09 | 20.54 | 20.36 | 20.40 | 20.35 | | |
| 5 | 256QAM | 1 | 0 | 17.89 | 17.71 | 18.00 | 17.77 | 18.02 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.80 | 17.82 | 17.99 | 17.74 | 18.04 | | |
| 5 | 256QAM | 1 | 24 | 17.80 | 17.85 | 18.20 | 17.87 | 17.90 | | |
| 5 | 256QAM | 12 | 0 | 17.80 | 17.78 | 17.97 | 17.90 | 18.20 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.96 | 17.94 | 18.08 | 17.86 | 18.05 | | |
| 5 | 256QAM | 12 | 13 | 17.82 | 17.84 | 18.11 | 17.91 | 18.00 | | |
| 5 | 256QAM | 25 | 0 | 17.82 | 17.82 | 18.27 | 17.92 | 17.97 | | |

## Band 42_Ant 5

| 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 | 22.26 | 22.30 | 22.11 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.21 | 22.16 | 22.00 | | |
| 20 | QPSK | 1 | 99 | 22.00 | 22.00 | 22.01 | | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.85 | 21.76 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.77 | 21.71 | 21.65 | | |
| 20 | QPSK | 50 | 50 | 21.66 | 21.78 | 21.63 | | |
| 20 | QPSK | 100 | 0 | 21.85 | 22.01 | 21.94 | | |
| 20 | 16QAM | 1 | 0 | 21.75 | 21.87 | 21.96 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.80 | 21.89 | 21.75 | | |
| 20 | 16QAM | 1 | 99 | 21.65 | 21.75 | 21.69 | | |
| 20 | 16QAM | 50 | 0 | 20.73 | 20.65 | 20.85 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.65 | 20.79 | 20.63 | | |
| 20 | 16QAM | 50 | 50 | 20.79 | 20.81 | 20.63 | | |
| 20 | 16QAM | 100 | 0 | 20.68 | 20.71 | 20.69 | | |
| 20 | 64QAM | 1 | 0 | 20.57 | 20.60 | 20.54 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.64 | 20.65 | 20.53 | | |
| 20 | 64QAM | 1 | 99 | 20.45 | 20.52 | 20.46 | | |
| 20 | 64QAM | 50 | 0 | 19.73 | 19.82 | 19.75 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.83 | 19.66 | 19.74 | | |
| 20 | 64QAM | 50 | 50 | 19.64 | 19.66 | 19.72 | | |
| 20 | 64QAM | 100 | 0 | 19.66 | 19.60 | 19.76 | | |
| 20 | 256QAM | 1 | 0 | 17.14 | 17.05 | 17.05 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.11 | 17.11 | 17.04 | | |
| 20 | 256QAM | 1 | 99 | 17.22 | 17.14 | 17.09 | | |
| 20 | 256QAM | 50 | 0 | 17.21 | 17.08 | 17.18 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.00 | 17.06 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.12 | 17.09 | 17.02 | | |
| 20 | 256QAM | 100 | 0 | 17.03 | 17.12 | 17.12 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 22.25 | 22.24 | 22.05 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.13 | 22.14 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.03 | 22.05 | 22.06 | | |
| 15 | QPSK | 36 | 0 | 21.73 | 21.77 | 21.77 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.63 | 21.63 | | |
| 15 | QPSK | 36 | 39 | 21.57 | 21.83 | 21.64 | | |
| 15 | QPSK | 75 | 0 | 21.82 | 21.98 | 21.90 | | |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.84 | 21.92 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.87 | 21.80 | | |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.80 | 21.73 | | |
| 15 | 16QAM | 36 | 0 | 20.67 | 20.61 | 20.85 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.61 | 20.76 | 20.65 | | |
| 15 | 16QAM | 36 | 39 | 20.82 | 20.85 | 20.66 | | |
| 15 | 16QAM | 75 | 0 | 20.69 | 20.72 | 20.62 | | |
| 15 | 64QAM | 1 | 0 | 20.48 | 20.59 | 20.55 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.70 | 20.55 | | |
| 15 | 64QAM | 1 | 74 | 20.37 | 20.47 | 20.38 | | |
| 15 | 64QAM | 36 | 0 | 19.69 | 19.83 | 19.79 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.75 | 19.61 | 19.79 | | |
| 15 | 64QAM | 36 | 39 | 19.63 | 19.67 | 19.68 | | |
| 15 | 64QAM | 75 | 0 | 19.67 | 19.59 | 19.72 | | |
| 15 | 256QAM | 1 | 0 | 17.16 | 17.06 | 17.09 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.13 | 17.11 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.24 | 17.06 | 17.06 | | |
| 15 | 256QAM | 36 | 0 | 17.25 | 17.09 | 17.13 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.07 | 17.03 | 17.18 | | |
| 15 | 256QAM | 36 | 39 | 17.13 | 17.03 | 17.05 | | |
| 15 | 256QAM | 75 | 0 | 17.05 | 17.07 | 17.16 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 22.25 | 22.24 | 22.10 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.19 | 22.01 | | |
| 10 | QPSK | 1 | 49 | 22.05 | 22.01 | 22.02 | | |
| 10 | QPSK | 25 | 0 | 21.79 | 21.80 | 21.70 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.76 | 21.56 | | |
| 10 | QPSK | 25 | 25 | 21.64 | 21.77 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.90 | 22.00 | 21.86 | | |
| 10 | 16QAM | 1 | 0 | 21.65 | 21.86 | 21.89 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.94 | 21.69 | | |
| 10 | 16QAM | 1 | 49 | 21.66 | 21.75 | 21.61 | | |
| 10 | 16QAM | 25 | 0 | 20.73 | 20.59 | 20.89 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.63 | 20.76 | 20.67 | | |
| 10 | 16QAM | 25 | 25 | 20.77 | 20.85 | 20.68 | | |
| 10 | 16QAM | 50 | 0 | 20.62 | 20.70 | 20.69 | | |
| 10 | 64QAM | 1 | 0 | 20.61 | 20.64 | 20.58 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.66 | 20.62 | 20.52 | | |
| 10 | 64QAM | 1 | 49 | 20.46 | 20.43 | 20.47 | | |
| 10 | 64QAM | 25 | 0 | 19.65 | 19.80 | 19.68 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.81 | 19.62 | 19.78 | | |
| 10 | 64QAM | 25 | 25 | 19.57 | 19.70 | 19.63 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.54 | 19.70 | | |
| 10 | 256QAM | 1 | 0 | 17.13 | 17.07 | 17.04 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.15 | 17.01 | 17.07 | | |
| 10 | 256QAM | 1 | 49 | 17.21 | 17.11 | 17.06 | | |
| 10 | 256QAM | 25 | 0 | 17.21 | 17.07 | 17.18 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.07 | 17.10 | 17.21 | | |
| 10 | 256QAM | 25 | 25 | 17.03 | 17.01 | 17.01 | | |
| 10 | 256QAM | 50 | 0 | 17.05 | 17.15 | 17.04 | | |
| Channel | | | | 42115 | 42590 | 43065 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3452.5 | 3500 | 3547.5 | | |
| 5 | QPSK | 1 | 0 | 22.19 | 22.24 | 22.09 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.12 | 22.00 | | |
| 5 | QPSK | 1 | 24 | 22.02 | 22.07 | 22.03 | | |
| 5 | QPSK | 12 | 0 | 21.78 | 21.78 | 21.77 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.68 | 21.76 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.68 | 21.77 | 21.53 | | |
| 5 | QPSK | 25 | 0 | 21.77 | 22.00 | 21.85 | | |
| 5 | 16QAM | 1 | 0 | 21.80 | 21.87 | 21.96 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.74 | 21.90 | 21.73 | | |
| 5 | 16QAM | 1 | 24 | 21.65 | 21.66 | 21.73 | | |
| 5 | 16QAM | 12 | 0 | 20.66 | 20.56 | 20.76 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.55 | 20.79 | 20.67 | | |
| 5 | 16QAM | 12 | 13 | 20.84 | 20.85 | 20.59 | | |
| 5 | 16QAM | 25 | 0 | 20.64 | 20.69 | 20.70 | | |
| 5 | 64QAM | 1 | 0 | 20.50 | 20.56 | 20.50 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.58 | 20.70 | 20.56 | | |
| 5 | 64QAM | 1 | 24 | 20.43 | 20.47 | 20.45 | | |
| 5 | 64QAM | 12 | 0 | 19.69 | 19.73 | 19.69 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.75 | 19.60 | 19.72 | | |
| 5 | 64QAM | 12 | 13 | 19.64 | 19.60 | 19.77 | | |
| 5 | 64QAM | 25 | 0 | 19.65 | 19.61 | 19.78 | | |
| 5 | 256QAM | 1 | 0 | 17.18 | 17.00 | 17.10 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.02 | 17.16 | 17.01 | | |
| 5 | 256QAM | 1 | 24 | 17.16 | 17.06 | 17.12 | | |
| 5 | 256QAM | 12 | 0 | 17.26 | 17.13 | 17.20 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.02 | 17.06 | 17.26 | | |
| 5 | 256QAM | 12 | 13 | 17.07 | 17.12 | 17.06 | | |
| 5 | 256QAM | 25 | 0 | 17.02 | 17.02 | 17.13 | | |

# Reduced Power for DSI 2

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.20 | 32.22 | 32.18 | 33.50 | 23.20 | 23.22 | 23.18 | 24.50 |
| GPRS 1 Tx slot | 32.28 | 32.30 | 32.25 | 33.50 | 23.28 | 23.30 | 23.25 | 24.50 |
| GPRS 2 Tx slots | 30.15 | 30.22 | 30.21 | 31.50 | 24.15 | 24.22 | 24.21 | 25.50 |
| GPRS 3 Tx slots | 27.58 | 27.70 | 27.62 | 29.00 | 23.32 | 23.44 | 23.36 | 24.74 |
| GPRS 4 Tx slots | 25.51 | 25.68 | 25.65 | 27.00 | 22.51 | 22.68 | 22.65 | 24.00 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.10 | 29.30 | 29.15 | 30.50 | 20.10 | 20.30 | 20.15 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.33 | 29.20 | 30.50 | 20.17 | 20.33 | 20.20 | 21.50 |
| GPRS 2 Tx slots | 26.96 | 27.10 | 27.02 | 28.00 | 20.96 | 21.10 | 21.02 | 22.00 |
| GPRS 3 Tx slots | 24.92 | 25.00 | 24.88 | 26.00 | 20.66 | 20.74 | 20.62 | 21.74 |
| GPRS 4 Tx slots | 22.38 | 22.55 | 22.45 | 24.00 | 19.38 | 19.55 | 19.45 | 21.00 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.50 | 15.87 | 16.00 | 15.92 | 17.50 |
| EDGE 2 Tx slots | 22.90 | 22.98 | 22.88 | 24.50 | 16.90 | 16.98 | 16.88 | 18.50 |
| EDGE 3 Tx slots | 20.67 | 20.70 | 20.64 | 22.00 | 16.41 | 16.44 | 16.38 | 17.74 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 22.39 | 22.45 | 22.35 | 24.00 | 22.51 | 22.62 | 22.58 | 24.00 | 22.62 | 22.66 | 22.54 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.54 | 22.58 | 22.49 | 24.00 | 22.64 | 22.69 | 22.60 | 24.00 | 22.69 | 22.70 | 22.67 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.53 | 21.52 | 21.56 | 23.00 | 21.54 | 21.69 | 21.69 | 23.00 | 21.70 | 21.76 | 21.66 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.49 | 21.55 | 21.58 | 23.00 | 21.56 | 21.75 | 21.72 | 23.00 | 21.72 | 21.75 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.01 | 21.00 | 21.07 | 22.50 | 21.04 | 21.22 | 20.88 | 22.50 | 21.22 | 21.25 | 21.15 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.98 | 21.05 | 21.12 | 22.50 | 21.04 | 21.20 | 21.27 | 22.50 | 21.24 | 21.27 | 21.13 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.53 | 21.59 | 21.68 | 23.00 | 21.58 | 21.75 | 21.75 | 23.00 | 21.72 | 21.76 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.52 | 19.58 | 19.70 | 21.00 | 19.59 | 19.77 | 19.76 | 21.00 | 19.69 | 19.73 | 19.66 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.51 | 20.58 | 20.70 | 22.00 | 20.57 | 20.77 | 20.77 | 22.00 | 20.75 | 20.71 | 20.67 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.52 | 19.56 | 19.67 | 21.00 | 19.63 | 19.77 | 19.79 | 21.00 | 19.72 | 19.74 | 19.71 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.50 | 21.60 | 21.70 | 23.00 | 21.60 | 21.80 | 21.80 | 23.00 | 21.70 | 21.80 | 21.70 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.16 | 20.25 | 20.22 | 20.50 | 20.05 | 20.22 | 20.16 | 20.50 | 19.77 | 19.80 | 19.69 | 20.50 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.46 | 22.54 | 22.50 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.46 | 22.48 | | |
| 20 | QPSK | 1 | 99 | 22.35 | 22.39 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.59 | 21.69 | 21.64 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.55 | 21.61 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.50 | 21.54 | 21.54 | | |
| 20 | QPSK | 100 | 0 | 21.44 | 21.48 | 21.45 | | |
| 20 | 16QAM | 1 | 0 | 21.79 | 21.82 | 21.80 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.79 | 21.83 | 21.79 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.73 | | |
| 20 | 16QAM | 50 | 0 | 20.60 | 20.53 | 20.56 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.60 | 20.59 | | |
| 20 | 16QAM | 50 | 50 | 20.53 | 20.60 | 20.60 | | |
| 20 | 16QAM | 100 | 0 | 20.55 | 20.61 | 20.54 | | |
| 20 | 64QAM | 1 | 0 | 20.59 | 20.70 | 20.68 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.68 | 20.64 | 20.69 | | |
| 20 | 64QAM | 1 | 99 | 20.54 | 20.74 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.60 | 19.58 | 19.61 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.62 | 19.63 | 19.61 | | |
| 20 | 64QAM | 50 | 50 | 19.54 | 19.59 | 19.69 | | |
| 20 | 64QAM | 100 | 0 | 19.57 | 19.63 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 17.59 | 17.62 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.70 | 17.64 | 17.79 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.75 | 17.72 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.65 | 17.59 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.58 | 17.59 | 17.64 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.66 | 17.56 | | |
| 20 | 256QAM | 100 | 0 | 17.71 | 17.62 | 17.53 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.44 | 22.51 | 22.48 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.38 | 22.48 | 22.48 | | |
| 15 | QPSK | 1 | 74 | 22.36 | 22.36 | 22.41 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.60 | 21.56 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.46 | 21.52 | 21.58 | | |
| 15 | QPSK | 36 | 39 | 21.41 | 21.54 | 21.50 | | |
| 15 | QPSK | 75 | 0 | 21.41 | 21.49 | 21.44 | | |
| 15 | 16QAM | 1 | 0 | 21.78 | 21.83 | 21.85 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.78 | 21.83 | 21.74 | | |
| 15 | 16QAM | 1 | 74 | 21.73 | 21.66 | 21.75 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.44 | 20.48 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.61 | 20.60 | | |
| 15 | 16QAM | 36 | 39 | 20.57 | 20.53 | 20.57 | | |
| 15 | 16QAM | 75 | 0 | 20.51 | 20.55 | 20.53 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.64 | 20.59 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.67 | 20.60 | 20.66 | | |
| 15 | 64QAM | 1 | 74 | 20.44 | 20.77 | 20.62 | | |
| 15 | 64QAM | 36 | 0 | 19.60 | 19.57 | 19.57 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.60 | 19.68 | 19.65 | | |
| 15 | 64QAM | 36 | 39 | 19.55 | 19.54 | 19.72 | | |
| 15 | 64QAM | 75 | 0 | 19.55 | 19.57 | 19.51 | | |
| 15 | 256QAM | 1 | 0 | 17.60 | 17.55 | 17.79 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.64 | 17.58 | 17.77 | | |
| 15 | 256QAM | 1 | 74 | 17.77 | 17.74 | 17.72 | | |
| 15 | 256QAM | 36 | 0 | 17.73 | 17.67 | 17.52 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.56 | 17.50 | 17.69 | | |
| 15 | 256QAM | 36 | 39 | 17.66 | 17.60 | 17.49 | | |
| 15 | 256QAM | 75 | 0 | 17.74 | 17.54 | 17.51 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.39 | 22.47 | 22.46 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.28 | 22.48 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.39 | 22.40 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.50 | 21.67 | 21.60 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.56 | 21.65 | 21.55 | | |
| 10 | QPSK | 25 | 25 | 21.41 | 21.45 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.45 | 21.41 | 21.47 | | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.73 | 21.71 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.74 | 21.79 | 21.75 | | |
| 10 | 16QAM | 1 | 49 | 21.70 | 21.65 | 21.78 | | |
| 10 | 16QAM | 25 | 0 | 20.54 | 20.45 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.61 | 20.61 | | |
| 10 | 16QAM | 25 | 25 | 20.46 | 20.58 | 20.63 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.53 | 20.47 | | |
| 10 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.63 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.69 | 20.68 | 20.63 | | |
| 10 | 64QAM | 1 | 49 | 20.58 | 20.72 | 20.61 | | |
| 10 | 64QAM | 25 | 0 | 19.65 | 19.49 | 19.65 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.63 | 19.63 | 19.61 | | |
| 10 | 64QAM | 25 | 25 | 19.44 | 19.60 | 19.74 | | |
| 10 | 64QAM | 50 | 0 | 19.49 | 19.64 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.52 | 17.63 | 17.81 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.65 | 17.56 | 17.84 | | |
| 10 | 256QAM | 1 | 49 | 17.84 | 17.68 | 17.70 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.64 | 17.60 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.57 | 17.53 | 17.64 | | |
| 10 | 256QAM | 25 | 25 | 17.51 | 17.58 | 17.47 | | |
| 10 | 256QAM | 50 | 0 | 17.74 | 17.60 | 17.51 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.40 | 22.48 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.48 | 22.47 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.42 | 22.40 | | |
| 5 | QPSK | 12 | 0 | 21.57 | 21.70 | 21.62 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.51 | 21.62 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.54 | 21.54 | 21.50 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.41 | 21.47 | | |
| 5 | 16QAM | 1 | 0 | 21.83 | 21.86 | 21.74 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.87 | 21.80 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.78 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.61 | 20.47 | 20.60 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.58 | 20.60 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.63 | 20.56 | | |
| 5 | 16QAM | 25 | 0 | 20.56 | 20.56 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.54 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.64 | 20.68 | 20.59 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.65 | 20.63 | | |
| 5 | 64QAM | 12 | 0 | 19.61 | 19.54 | 19.57 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.54 | 19.59 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.50 | 19.63 | 19.61 | | |
| 5 | 64QAM | 25 | 0 | 19.55 | 19.62 | 19.59 | | |
| 5 | 256QAM | 1 | 0 | 17.61 | 17.54 | 17.77 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.63 | 17.63 | 17.70 | | |
| 5 | 256QAM | 1 | 24 | 17.76 | 17.65 | 17.68 | | |
| 5 | 256QAM | 12 | 0 | 17.66 | 17.58 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.56 | 17.66 | | |
| 5 | 256QAM | 12 | 13 | 17.54 | 17.71 | 17.55 | | |
| 5 | 256QAM | 25 | 0 | 17.63 | 17.55 | 17.49 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.45 | 22.49 | 22.50 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.43 | 22.38 | | |
| 3 | QPSK | 1 | 14 | 22.40 | 22.31 | 22.51 | | |
| 3 | QPSK | 8 | 0 | 21.52 | 21.73 | 21.65 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.60 | 21.51 | | |
| 3 | QPSK | 8 | 7 | 21.42 | 21.58 | 21.46 | | |
| 3 | QPSK | 15 | 0 | 21.37 | 21.41 | 21.41 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.79 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.78 | 21.71 | | |
| 3 | 16QAM | 1 | 14 | 21.68 | 21.74 | 21.72 | | |
| 3 | 16QAM | 8 | 0 | 20.63 | 20.43 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.56 | 20.56 | | |
| 3 | 16QAM | 8 | 7 | 20.46 | 20.51 | 20.62 | | |
| 3 | 16QAM | 15 | 0 | 20.58 | 20.54 | 20.57 | | |
| 3 | 64QAM | 1 | 0 | 20.51 | 20.69 | 20.70 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.56 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.45 | 20.65 | 20.60 | | |
| 3 | 64QAM | 8 | 0 | 19.59 | 19.56 | 19.58 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.61 | 19.63 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.60 | 19.72 | | |
| 3 | 64QAM | 15 | 0 | 19.47 | 19.59 | 19.60 | | |
| 3 | 256QAM | 1 | 0 | 17.55 | 17.64 | 17.72 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.68 | 17.56 | 17.83 | | |
| 3 | 256QAM | 1 | 14 | 17.83 | 17.72 | 17.70 | | |
| 3 | 256QAM | 8 | 0 | 17.65 | 17.57 | 17.53 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.56 | 17.57 | 17.57 | | |
| 3 | 256QAM | 8 | 7 | 17.59 | 17.56 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.64 | 17.61 | 17.50 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.49 | 22.53 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.27 | 22.46 | 22.48 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.40 | 22.52 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.42 | 22.29 | | |
| 1.4 | QPSK | 3 | 1 | 22.21 | 22.31 | 22.21 | | |
| 1.4 | QPSK | 3 | 3 | 22.15 | 22.27 | 22.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.52 | 21.38 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.70 | 21.79 | 21.77 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.71 | 21.87 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.68 | 21.77 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.55 | 21.52 | | |
| 1.4 | 16QAM | 3 | 1 | 21.59 | 21.55 | 21.53 | | |
| 1.4 | 16QAM | 3 | 3 | 21.54 | 21.64 | 21.62 | | |
| 1.4 | 16QAM | 6 | 0 | 20.56 | 20.65 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.55 | 20.72 | 20.60 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.72 | 20.58 | 20.63 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.65 | 20.60 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.57 | 20.56 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.65 | 20.61 | | |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.59 | 20.64 | | |
| 1.4 | 64QAM | 6 | 0 | 19.56 | 19.53 | 19.58 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.49 | 17.65 | 17.77 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.63 | 17.79 | | |
| 1.4 | 256QAM | 1 | 5 | 17.90 | 17.68 | 17.75 | | |
| 1.4 | 256QAM | 3 | 0 | 17.66 | 17.55 | 17.54 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.66 | 17.49 | | |
| 1.4 | 256QAM | 6 | 0 | 17.69 | 17.61 | 17.46 | 19 | 5 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 16.72 | 16.85 | 16.73 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.64 | 16.65 | 16.70 | | |
| 20 | QPSK | 1 | 99 | 16.67 | 16.73 | 16.72 | | |
| 20 | QPSK | 50 | 0 | 16.67 | 16.70 | 16.65 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.58 | 16.65 | 16.64 | | |
| 20 | QPSK | 50 | 50 | 16.62 | 16.68 | 16.64 | | |
| 20 | QPSK | 100 | 0 | 16.64 | 16.67 | 16.65 | | |
| 20 | 16QAM | 1 | 0 | 16.65 | 16.63 | 16.68 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.71 | 16.60 | 16.60 | | |
| 20 | 16QAM | 1 | 99 | 16.70 | 16.67 | 16.59 | | |
| 20 | 16QAM | 50 | 0 | 16.65 | 16.67 | 16.64 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.63 | 16.59 | 16.64 | | |
| 20 | 16QAM | 50 | 50 | 16.70 | 16.71 | 16.58 | | |
| 20 | 16QAM | 100 | 0 | 16.66 | 16.58 | 16.67 | | |
| 20 | 64QAM | 1 | 0 | 16.61 | 16.64 | 16.62 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.61 | 16.69 | 16.63 | | |
| 20 | 64QAM | 1 | 99 | 16.67 | 16.67 | 16.70 | | |
| 20 | 64QAM | 50 | 0 | 16.62 | 16.64 | 16.64 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.59 | 16.61 | 16.61 | | |
| 20 | 64QAM | 50 | 50 | 16.62 | 16.69 | 16.61 | | |
| 20 | 64QAM | 100 | 0 | 16.62 | 16.60 | 16.65 | | |
| 20 | 256QAM | 1 | 0 | 16.64 | 16.68 | 16.59 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.59 | 16.65 | 16.73 | | |
| 20 | 256QAM | 1 | 99 | 16.63 | 16.64 | 16.59 | | |
| 20 | 256QAM | 50 | 0 | 16.58 | 16.59 | 16.70 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.63 | 16.67 | 16.60 | | |
| 20 | 256QAM | 50 | 50 | 16.59 | 16.64 | 16.66 | | |
| 20 | 256QAM | 100 | 0 | 16.61 | 16.71 | 16.70 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 16.61 | 16.62 | 16.58 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.67 | 16.69 | 16.59 | | |
| 15 | QPSK | 1 | 74 | 16.61 | 16.56 | 16.67 | | |
| 15 | QPSK | 36 | 0 | 16.66 | 16.72 | 16.68 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.69 | 16.65 | 16.68 | | |
| 15 | QPSK | 36 | 39 | 16.71 | 16.73 | 16.75 | | |
| 15 | QPSK | 75 | 0 | 16.57 | 16.72 | 16.69 | | |
| 15 | 16QAM | 1 | 0 | 16.61 | 16.69 | 16.74 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.67 | 16.71 | 16.73 | | |
| 15 | 16QAM | 1 | 74 | 16.76 | 16.71 | 16.68 | | |
| 15 | 16QAM | 36 | 0 | 16.61 | 16.72 | 16.73 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.79 | 16.70 | 16.71 | | |
| 15 | 16QAM | 36 | 39 | 16.76 | 16.66 | 16.60 | | |
| 15 | 16QAM | 75 | 0 | 16.79 | 16.65 | 16.73 | | |
| 15 | 64QAM | 1 | 0 | 16.59 | 16.66 | 16.77 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.73 | 16.73 | 16.78 | | |
| 15 | 64QAM | 1 | 74 | 16.66 | 16.72 | 16.74 | | |
| 15 | 64QAM | 36 | 0 | 16.61 | 16.57 | 16.67 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.66 | 16.70 | 16.77 | | |
| 15 | 64QAM | 36 | 39 | 16.70 | 16.73 | 16.73 | | |
| 15 | 64QAM | 75 | 0 | 16.63 | 16.64 | 16.68 | | |
| 15 | 256QAM | 1 | 0 | 16.75 | 16.72 | 16.62 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.61 | 16.78 | 16.67 | | |
| 15 | 256QAM | 1 | 74 | 16.66 | 16.61 | 16.69 | | |
| 15 | 256QAM | 36 | 0 | 16.68 | 16.71 | 16.71 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.75 | 16.73 | 16.70 | | |
| 15 | 256QAM | 36 | 39 | 16.64 | 16.62 | 16.68 | | |
| 15 | 256QAM | 75 | 0 | 16.72 | 16.70 | 16.76 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 16.63 | 16.56 | 16.69 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.55 | 16.74 | 16.61 | | |
| 10 | QPSK | 1 | 49 | 16.66 | 16.69 | 16.63 | | |
| 10 | QPSK | 25 | 0 | 16.64 | 16.73 | 16.77 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.62 | 16.66 | 16.72 | | |
| 10 | QPSK | 25 | 25 | 16.74 | 16.75 | 16.79 | | |
| 10 | QPSK | 50 | 0 | 16.60 | 16.69 | 16.68 | | |
| 10 | 16QAM | 1 | 0 | 16.64 | 16.76 | 16.73 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.71 | 16.70 | 16.76 | | |
| 10 | 16QAM | 1 | 49 | 16.66 | 16.70 | 16.73 | | |
| 10 | 16QAM | 25 | 0 | 16.64 | 16.65 | 16.72 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.71 | 16.73 | 16.70 | | |
| 10 | 16QAM | 25 | 25 | 16.73 | 16.78 | 16.67 | | |
| 10 | 16QAM | 50 | 0 | 16.77 | 16.60 | 16.73 | | |
| 10 | 64QAM | 1 | 0 | 16.66 | 16.58 | 16.69 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.66 | 16.79 | 16.70 | | |
| 10 | 64QAM | 1 | 49 | 16.63 | 16.59 | 16.77 | | |
| 10 | 64QAM | 25 | 0 | 16.68 | 16.58 | 16.78 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.63 | 16.72 | 16.67 | | |
| 10 | 64QAM | 25 | 25 | 16.78 | 16.77 | 16.69 | | |
| 10 | 64QAM | 50 | 0 | 16.59 | 16.63 | 16.77 | | |
| 10 | 256QAM | 1 | 0 | 16.74 | 16.77 | 16.74 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.62 | 16.72 | 16.79 | | |
| 10 | 256QAM | 1 | 49 | 16.65 | 16.60 | 16.64 | | |
| 10 | 256QAM | 25 | 0 | 16.66 | 16.70 | 16.77 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.66 | 16.65 | 16.67 | | |
| 10 | 256QAM | 25 | 25 | 16.64 | 16.58 | 16.71 | | |
| 10 | 256QAM | 50 | 0 | 16.66 | 16.64 | 16.65 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.61 | 16.65 | 16.56 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.60 | 16.55 | 16.66 | | |
| 5 | QPSK | 1 | 24 | 16.67 | 16.63 | 16.67 | | |
| 5 | QPSK | 12 | 0 | 16.67 | 16.79 | 16.72 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.67 | 16.59 | 16.70 | | |
| 5 | QPSK | 12 | 13 | 16.78 | 16.80 | 16.73 | | |
| 5 | QPSK | 25 | 0 | 16.65 | 16.73 | 16.78 | | |
| 5 | 16QAM | 1 | 0 | 16.59 | 16.73 | 16.76 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.78 | 16.71 | 16.75 | | |
| 5 | 16QAM | 1 | 24 | 16.74 | 16.73 | 16.62 | | |
| 5 | 16QAM | 12 | 0 | 16.58 | 16.70 | 16.76 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.76 | 16.67 | 16.71 | | |
| 5 | 16QAM | 12 | 13 | 16.74 | 16.74 | 16.69 | | |
| 5 | 16QAM | 25 | 0 | 16.80 | 16.72 | 16.71 | | |
| 5 | 64QAM | 1 | 0 | 16.64 | 16.66 | 16.64 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.72 | 16.74 | 16.68 | | |
| 5 | 64QAM | 1 | 24 | 16.71 | 16.66 | 16.73 | | |
| 5 | 64QAM | 12 | 0 | 16.60 | 16.61 | 16.71 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.68 | 16.74 | 16.70 | | |
| 5 | 64QAM | 12 | 13 | 16.70 | 16.73 | 16.65 | | |
| 5 | 64QAM | 25 | 0 | 16.60 | 16.65 | 16.71 | | |
| 5 | 256QAM | 1 | 0 | 16.76 | 16.73 | 16.61 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.70 | 16.77 | 16.73 | | |
| 5 | 256QAM | 1 | 24 | 16.70 | 16.68 | 16.65 | | |
| 5 | 256QAM | 12 | 0 | 16.61 | 16.75 | 16.75 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.76 | 16.60 | 16.69 | | |
| 5 | 256QAM | 12 | 13 | 16.66 | 16.64 | 16.70 | | |
| 5 | 256QAM | 25 | 0 | 16.67 | 16.77 | 16.73 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.61 | 16.62 | 16.63 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.73 | 16.72 | 16.70 | | |
| 3 | QPSK | 1 | 14 | 16.77 | 16.66 | 16.67 | | |
| 3 | QPSK | 8 | 0 | 16.69 | 16.75 | 16.76 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.74 | 16.71 | 16.68 | | |
| 3 | QPSK | 8 | 7 | 16.70 | 16.70 | 16.73 | | |
| 3 | QPSK | 15 | 0 | 16.59 | 16.78 | 16.75 | | |
| 3 | 16QAM | 1 | 0 | 16.58 | 16.66 | 16.69 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.74 | 16.76 | 16.66 | | |
| 3 | 16QAM | 1 | 14 | 16.72 | 16.73 | 16.66 | | |
| 3 | 16QAM | 8 | 0 | 16.67 | 16.73 | 16.75 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.71 | 16.70 | 16.75 | | |
| 3 | 16QAM | 8 | 7 | 16.77 | 16.79 | 16.67 | | |
| 3 | 16QAM | 15 | 0 | 16.76 | 16.74 | 16.73 | | |
| 3 | 64QAM | 1 | 0 | 16.59 | 16.67 | 16.68 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.64 | 16.77 | 16.74 | | |
| 3 | 64QAM | 1 | 14 | 16.60 | 16.65 | 16.77 | | |
| 3 | 64QAM | 8 | 0 | 16.67 | 16.68 | 16.66 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.69 | 16.75 | 16.68 | | |
| 3 | 64QAM | 8 | 7 | 16.67 | 16.66 | 16.66 | | |
| 3 | 64QAM | 15 | 0 | 16.63 | 16.68 | 16.80 | | |
| 3 | 256QAM | 1 | 0 | 16.80 | 16.75 | 16.68 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.72 | 16.79 | 16.75 | | |
| 3 | 256QAM | 1 | 14 | 16.65 | 16.70 | 16.74 | | |
| 3 | 256QAM | 8 | 0 | 16.67 | 16.69 | 16.79 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.69 | 16.62 | 16.65 | | |
| 3 | 256QAM | 8 | 7 | 16.61 | 16.62 | 16.76 | | |
| 3 | 256QAM | 15 | 0 | 16.71 | 16.73 | 16.66 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.63 | 16.63 | 16.69 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.71 | 16.80 | 16.80 | | |
| 1.4 | QPSK | 1 | 5 | 16.67 | 16.69 | 16.78 | | |
| 1.4 | QPSK | 3 | 0 | 16.64 | 16.72 | 16.68 | | |
| 1.4 | QPSK | 3 | 1 | 16.65 | 16.68 | 16.72 | | |
| 1.4 | QPSK | 3 | 3 | 16.69 | 16.77 | 16.68 | | |
| 1.4 | QPSK | 6 | 0 | 16.65 | 16.69 | 16.67 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.64 | 16.66 | 16.80 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.76 | 16.64 | 16.69 | | |
| 1.4 | 16QAM | 1 | 5 | 16.74 | 16.80 | 16.67 | | |
| 1.4 | 16QAM | 3 | 0 | 16.70 | 16.64 | 16.78 | | |
| 1.4 | 16QAM | 3 | 1 | 16.67 | 16.67 | 16.72 | | |
| 1.4 | 16QAM | 3 | 3 | 16.79 | 16.74 | 16.61 | | |
| 1.4 | 16QAM | 6 | 0 | 16.72 | 16.69 | 16.69 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.65 | 16.57 | 16.68 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.71 | 16.78 | 16.69 | | |
| 1.4 | 64QAM | 1 | 5 | 16.68 | 16.61 | 16.77 | | |
| 1.4 | 64QAM | 3 | 0 | 16.56 | 16.68 | 16.66 | | |
| 1.4 | 64QAM | 3 | 1 | 16.70 | 16.71 | 16.73 | | |
| 1.4 | 64QAM | 3 | 3 | 16.72 | 16.76 | 16.68 | | |
| 1.4 | 64QAM | 6 | 0 | 16.59 | 16.74 | 16.67 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.78 | 16.71 | 16.62 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.61 | 16.67 | 16.73 | | |
| 1.4 | 256QAM | 1 | 5 | 16.78 | 16.69 | 16.67 | | |
| 1.4 | 256QAM | 3 | 0 | 16.67 | 16.66 | 16.72 | | |
| 1.4 | 256QAM | 3 | 1 | 16.65 | 16.64 | 16.71 | | |
| 1.4 | 256QAM | 3 | 3 | 16.71 | 16.57 | 16.70 | | |
| 1.4 | 256QAM | 6 | 0 | 16.73 | 16.75 | 16.72 | 18 | 0 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.40 | 22.34 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.16 | 22.24 | 22.25 | | |
| 20 | QPSK | 1 | 99 | 22.08 | 22.15 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.50 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.35 | 21.33 | 21.33 | | |
| 20 | QPSK | 50 | 50 | 21.27 | 21.35 | 21.35 | | |
| 20 | QPSK | 100 | 0 | 21.22 | 21.31 | 21.27 | | |
| 20 | 16QAM | 1 | 0 | 21.57 | 21.66 | 21.67 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.43 | 21.61 | 21.57 | | |
| 20 | 16QAM | 1 | 99 | 21.41 | 21.50 | 21.53 | | |
| 20 | 16QAM | 50 | 0 | 20.26 | 20.34 | 20.39 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.37 | 20.46 | | |
| 20 | 16QAM | 50 | 50 | 20.29 | 20.36 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.31 | 20.29 | 20.36 | | |
| 20 | 64QAM | 1 | 0 | 20.34 | 20.49 | 20.57 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.38 | 20.45 | 20.56 | | |
| 20 | 64QAM | 1 | 99 | 20.36 | 20.36 | 20.34 | | |
| 20 | 64QAM | 50 | 0 | 19.29 | 19.35 | 19.40 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.36 | 19.37 | 19.47 | | |
| 20 | 64QAM | 50 | 50 | 19.28 | 19.37 | 19.40 | | |
| 20 | 64QAM | 100 | 0 | 19.32 | 19.31 | 19.37 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.22 | 17.37 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.16 | 17.21 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.35 | 17.23 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.34 | 17.38 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.24 | 17.33 | | |
| 20 | 256QAM | 50 | 50 | 17.27 | 17.26 | 17.31 | | |
| 20 | 256QAM | 100 | 0 | 17.22 | 17.22 | 17.37 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.25 | 22.35 | 22.24 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.07 | 22.22 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.11 | 22.18 | 22.22 | | |
| 15 | QPSK | 36 | 0 | 21.41 | 21.45 | 21.32 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.26 | 21.27 | 21.31 | | |
| 15 | QPSK | 36 | 39 | 21.17 | 21.26 | 21.31 | | |
| 15 | QPSK | 75 | 0 | 21.12 | 21.28 | 21.30 | | |
| 15 | 16QAM | 1 | 0 | 21.52 | 21.61 | 21.67 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.38 | 21.63 | 21.50 | | |
| 15 | 16QAM | 1 | 74 | 21.45 | 21.44 | 21.50 | | |
| 15 | 16QAM | 36 | 0 | 20.19 | 20.28 | 20.29 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.32 | 20.41 | 20.39 | | |
| 15 | 16QAM | 36 | 39 | 20.26 | 20.40 | 20.42 | | |
| 15 | 16QAM | 75 | 0 | 20.30 | 20.33 | 20.38 | | |
| 15 | 64QAM | 1 | 0 | 20.25 | 20.41 | 20.51 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.28 | 20.45 | 20.46 | | |
| 15 | 64QAM | 1 | 74 | 20.36 | 20.36 | 20.24 | | |
| 15 | 64QAM | 36 | 0 | 19.26 | 19.28 | 19.40 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.38 | 19.28 | 19.47 | | |
| 15 | 64QAM | 36 | 39 | 19.20 | 19.31 | 19.38 | | |
| 15 | 64QAM | 75 | 0 | 19.28 | 19.26 | 19.36 | | |
| 15 | 256QAM | 1 | 0 | 17.13 | 17.26 | 17.42 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.14 | 17.15 | 17.23 | | |
| 15 | 256QAM | 1 | 74 | 17.26 | 17.14 | 17.39 | | |
| 15 | 256QAM | 36 | 0 | 17.29 | 17.38 | 17.40 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.13 | 17.16 | 17.25 | | |
| 15 | 256QAM | 36 | 39 | 17.23 | 17.23 | 17.29 | | |
| 15 | 256QAM | 75 | 0 | 17.14 | 17.19 | 17.36 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.21 | 22.33 | 22.37 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.17 | 22.24 | 22.29 | | |
| 10 | QPSK | 1 | 49 | 22.11 | 22.18 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.37 | 21.45 | 21.33 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.40 | 21.28 | 21.32 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.33 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.20 | 21.33 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.59 | 21.66 | 21.63 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.39 | 21.66 | 21.54 | | |
| 10 | 16QAM | 1 | 49 | 21.31 | 21.46 | 21.46 | | |
| 10 | 16QAM | 25 | 0 | 20.20 | 20.28 | 20.35 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.30 | 20.42 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.22 | 20.28 | 20.29 | | |
| 10 | 16QAM | 50 | 0 | 20.25 | 20.24 | 20.29 | | |
| 10 | 64QAM | 1 | 0 | 20.28 | 20.53 | 20.49 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.37 | 20.49 | 20.60 | | |
| 10 | 64QAM | 1 | 49 | 20.39 | 20.34 | 20.38 | | |
| 10 | 64QAM | 25 | 0 | 19.26 | 19.31 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.38 | 19.36 | 19.49 | | |
| 10 | 64QAM | 25 | 25 | 19.22 | 19.40 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.27 | 19.35 | | |
| 10 | 256QAM | 1 | 0 | 17.13 | 17.16 | 17.36 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.07 | 17.23 | 17.16 | | |
| 10 | 256QAM | 1 | 49 | 17.40 | 17.21 | 17.32 | | |
| 10 | 256QAM | 25 | 0 | 17.20 | 17.29 | 17.33 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.12 | 17.28 | 17.27 | | |
| 10 | 256QAM | 25 | 25 | 17.32 | 17.28 | 17.21 | | |
| 10 | 256QAM | 50 | 0 | 17.18 | 17.13 | 17.42 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.12 | 22.39 | 22.30 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.08 | 22.22 | 22.27 | | |
| 5 | QPSK | 1 | 24 | 22.08 | 22.18 | 22.16 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.44 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.25 | 21.33 | 21.32 | | |
| 5 | QPSK | 12 | 13 | 21.24 | 21.39 | 21.34 | | |
| 5 | QPSK | 25 | 0 | 21.14 | 21.22 | 21.29 | | |
| 5 | 16QAM | 1 | 0 | 21.58 | 21.67 | 21.59 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.37 | 21.64 | 21.54 | | |
| 5 | 16QAM | 1 | 24 | 21.34 | 21.49 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.17 | 20.30 | 20.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.24 | 20.40 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.34 | 20.33 | 20.29 | | |
| 5 | 16QAM | 25 | 0 | 20.25 | 20.29 | 20.26 | | |
| 5 | 64QAM | 1 | 0 | 20.32 | 20.51 | 20.58 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.28 | 20.39 | 20.55 | | |
| 5 | 64QAM | 1 | 24 | 20.35 | 20.37 | 20.31 | | |
| 5 | 64QAM | 12 | 0 | 19.28 | 19.38 | 19.33 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.40 | 19.29 | 19.41 | | |
| 5 | 64QAM | 12 | 13 | 19.22 | 19.28 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.34 | 19.31 | 19.32 | | |
| 5 | 256QAM | 1 | 0 | 17.21 | 17.12 | 17.39 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.10 | 17.26 | 17.20 | | |
| 5 | 256QAM | 1 | 24 | 17.37 | 17.20 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.29 | 17.39 | 17.36 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.15 | 17.21 | 17.24 | | |
| 5 | 256QAM | 12 | 13 | 17.17 | 17.27 | 17.23 | | |
| 5 | 256QAM | 25 | 0 | 17.18 | 17.21 | 17.39 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.17 | 22.34 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.13 | 22.14 | 22.26 | | |
| 3 | QPSK | 1 | 14 | 22.04 | 22.07 | 22.20 | | |
| 3 | QPSK | 8 | 0 | 21.39 | 21.55 | 21.43 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.33 | 21.26 | 21.31 | | |
| 3 | QPSK | 8 | 7 | 21.17 | 21.36 | 21.38 | | |
| 3 | QPSK | 15 | 0 | 21.18 | 21.32 | 21.17 | | |
| 3 | 16QAM | 1 | 0 | 21.62 | 21.64 | 21.72 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.40 | 21.53 | 21.47 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.43 | 21.58 | | |
| 3 | 16QAM | 8 | 0 | 20.30 | 20.27 | 20.36 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.30 | 20.41 | 20.39 | | |
| 3 | 16QAM | 8 | 7 | 20.20 | 20.29 | 20.40 | | |
| 3 | 16QAM | 15 | 0 | 20.35 | 20.31 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.28 | 20.46 | 20.52 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.42 | 20.44 | 20.51 | | |
| 3 | 64QAM | 1 | 14 | 20.33 | 20.32 | 20.28 | | |
| 3 | 64QAM | 8 | 0 | 19.33 | 19.37 | 19.30 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.29 | 19.40 | 19.44 | | |
| 3 | 64QAM | 8 | 7 | 19.31 | 19.36 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.23 | 19.38 | | |
| 3 | 256QAM | 1 | 0 | 17.19 | 17.19 | 17.36 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.18 | 17.22 | 17.08 | | |
| 3 | 256QAM | 1 | 14 | 17.40 | 17.13 | 17.33 | | |
| 3 | 256QAM | 8 | 0 | 17.28 | 17.30 | 17.36 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.05 | 17.22 | 17.27 | | |
| 3 | 256QAM | 8 | 7 | 17.18 | 17.19 | 17.28 | | |
| 3 | 256QAM | 15 | 0 | 17.16 | 17.25 | 17.32 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.12 | 22.31 | 22.33 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.19 | 22.18 | 22.17 | | |
| 1.4 | QPSK | 1 | 5 | 22.08 | 22.17 | 22.09 | | |
| 1.4 | QPSK | 3 | 0 | 22.06 | 22.19 | 22.11 | | |
| 1.4 | QPSK | 3 | 1 | 22.10 | 22.08 | 22.07 | | |
| 1.4 | QPSK | 3 | 3 | 22.06 | 22.05 | 22.01 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.22 | 21.27 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.60 | 21.61 | 21.67 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.48 | 21.52 | 21.52 | | |
| 1.4 | 16QAM | 1 | 5 | 21.39 | 21.42 | 21.47 | | |
| 1.4 | 16QAM | 3 | 0 | 21.30 | 21.38 | 21.41 | | |
| 1.4 | 16QAM | 3 | 1 | 21.26 | 21.27 | 21.50 | | |
| 1.4 | 16QAM | 3 | 3 | 21.26 | 21.30 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.34 | 20.30 | 20.40 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.34 | 20.50 | 20.62 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.39 | 20.50 | 20.47 | | |
| 1.4 | 64QAM | 1 | 5 | 20.39 | 20.32 | 20.33 | | |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.30 | 20.41 | | |
| 1.4 | 64QAM | 3 | 1 | 20.27 | 20.42 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.19 | 20.27 | 20.43 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.35 | 19.33 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.13 | 17.27 | 17.30 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.08 | 17.25 | 17.22 | | |
| 1.4 | 256QAM | 1 | 5 | 17.27 | 17.22 | 17.29 | | |
| 1.4 | 256QAM | 3 | 0 | 17.30 | 17.33 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.06 | 17.23 | 17.31 | | |
| 1.4 | 256QAM | 3 | 3 | 17.25 | 17.22 | 17.32 | | |
| 1.4 | 256QAM | 6 | 0 | 17.22 | 17.21 | 17.27 | 19 | 5 |

## Band 4_Ant 4

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 16.27 | 16.54 | 16.49 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.25 | 16.34 | 16.43 | | |
| 20 | QPSK | 1 | 99 | 16.22 | 16.53 | 16.44 | | |
| 20 | QPSK | 50 | 0 | 16.21 | 16.46 | 16.39 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.15 | 16.45 | 16.32 | | |
| 20 | QPSK | 50 | 50 | 16.16 | 16.39 | 16.38 | | |
| 20 | QPSK | 100 | 0 | 16.21 | 16.42 | 16.41 | | |
| 20 | 16QAM | 1 | 0 | 16.21 | 16.31 | 16.49 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.29 | 16.40 | 16.38 | | |
| 20 | 16QAM | 1 | 99 | 16.20 | 16.45 | 16.27 | | |
| 20 | 16QAM | 50 | 0 | 16.14 | 16.38 | 16.39 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.13 | 16.28 | 16.33 | | |
| 20 | 16QAM | 50 | 50 | 16.25 | 16.42 | 16.28 | | |
| 20 | 16QAM | 100 | 0 | 16.16 | 16.34 | 16.43 | | |
| 20 | 64QAM | 1 | 0 | 16.13 | 16.32 | 16.35 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.10 | 16.41 | 16.41 | | |
| 20 | 64QAM | 1 | 99 | 16.24 | 16.34 | 16.40 | | |
| 20 | 64QAM | 50 | 0 | 16.22 | 16.37 | 16.34 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.14 | 16.41 | 16.34 | | |
| 20 | 64QAM | 50 | 50 | 16.12 | 16.47 | 16.41 | | |
| 20 | 64QAM | 100 | 0 | 16.17 | 16.32 | 16.33 | | |
| 20 | 256QAM | 1 | 0 | 16.19 | 16.36 | 16.28 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.06 | 16.36 | 16.43 | | |
| 20 | 256QAM | 1 | 99 | 16.19 | 16.45 | 16.28 | | |
| 20 | 256QAM | 50 | 0 | 16.06 | 16.27 | 16.47 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.12 | 16.47 | 16.30 | | |
| 20 | 256QAM | 50 | 50 | 16.11 | 16.43 | 16.43 | | |
| 20 | 256QAM | 100 | 0 | 16.21 | 16.43 | 16.37 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 16.21 | 16.52 | 16.33 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.12 | 16.29 | 16.39 | | |
| 15 | QPSK | 1 | 74 | 16.20 | 16.43 | 16.40 | | |
| 15 | QPSK | 36 | 0 | 16.00 | 16.41 | 16.27 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.01 | 16.33 | 16.29 | | |
| 15 | QPSK | 36 | 39 | 16.18 | 16.33 | 16.27 | | |
| 15 | QPSK | 75 | 0 | 16.18 | 16.20 | 16.31 | | |
| 15 | 16QAM | 1 | 0 | 16.19 | 16.29 | 16.42 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.21 | 16.39 | 16.24 | | |
| 15 | 16QAM | 1 | 74 | 16.09 | 16.42 | 16.23 | | |
| 15 | 16QAM | 36 | 0 | 16.00 | 16.28 | 16.26 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.02 | 16.22 | 16.21 | | |
| 15 | 16QAM | 36 | 39 | 16.10 | 16.38 | 16.23 | | |
| 15 | 16QAM | 75 | 0 | 16.12 | 16.27 | 16.29 | | |
| 15 | 64QAM | 1 | 0 | 16.09 | 16.22 | 16.20 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.06 | 16.28 | 16.34 | | |
| 15 | 64QAM | 1 | 74 | 16.16 | 16.23 | 16.37 | | |
| 15 | 64QAM | 36 | 0 | 16.19 | 16.31 | 16.32 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.05 | 16.26 | 16.29 | | |
| 15 | 64QAM | 36 | 39 | 16.09 | 16.39 | 16.39 | | |
| 15 | 64QAM | 75 | 0 | 16.11 | 16.31 | 16.20 | | |
| 15 | 256QAM | 1 | 0 | 16.11 | 16.31 | 16.29 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.05 | 16.26 | 16.36 | | |
| 15 | 256QAM | 1 | 74 | 16.12 | 16.40 | 16.26 | | |
| 15 | 256QAM | 36 | 0 | 16.01 | 16.26 | 16.44 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.03 | 16.35 | 16.20 | | |
| 15 | 256QAM | 36 | 39 | 16.05 | 16.41 | 16.30 | | |
| 15 | 256QAM | 75 | 0 | 16.07 | 16.42 | 16.26 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 16.13 | 16.51 | 16.40 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.11 | 16.29 | 16.41 | | |
| 10 | QPSK | 1 | 49 | 16.09 | 16.45 | 16.43 | | |
| 10 | QPSK | 25 | 0 | 16.03 | 16.40 | 16.25 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.12 | 16.29 | 16.22 | | |
| 10 | QPSK | 25 | 25 | 16.26 | 16.34 | 16.28 | | |
| 10 | QPSK | 50 | 0 | 16.14 | 16.31 | 16.28 | | |
| 10 | 16QAM | 1 | 0 | 16.14 | 16.23 | 16.44 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.27 | 16.32 | 16.27 | | |
| 10 | 16QAM | 1 | 49 | 16.11 | 16.38 | 16.23 | | |
| 10 | 16QAM | 25 | 0 | 16.09 | 16.34 | 16.37 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.04 | 16.22 | 16.29 | | |
| 10 | 16QAM | 25 | 25 | 16.12 | 16.37 | 16.22 | | |
| 10 | 16QAM | 50 | 0 | 16.08 | 16.23 | 16.35 | | |
| 10 | 64QAM | 1 | 0 | 16.08 | 16.22 | 16.32 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.05 | 16.29 | 16.31 | | |
| 10 | 64QAM | 1 | 49 | 16.15 | 16.28 | 16.34 | | |
| 10 | 64QAM | 25 | 0 | 16.16 | 16.29 | 16.29 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.12 | 16.37 | 16.29 | | |
| 10 | 64QAM | 25 | 25 | 16.04 | 16.36 | 16.32 | | |
| 10 | 64QAM | 50 | 0 | 16.15 | 16.27 | 16.24 | | |
| 10 | 256QAM | 1 | 0 | 16.18 | 16.25 | 16.21 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.07 | 16.28 | 16.42 | | |
| 10 | 256QAM | 1 | 49 | 16.05 | 16.41 | 16.24 | | |
| 10 | 256QAM | 25 | 0 | 16.04 | 16.27 | 16.33 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.02 | 16.41 | 16.27 | | |
| 10 | 256QAM | 25 | 25 | 16.02 | 16.31 | 16.38 | | |
| 10 | 256QAM | 50 | 0 | 16.16 | 16.30 | 16.23 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 16.17 | 16.53 | 16.31 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.11 | 16.20 | 16.46 | | |
| 5 | QPSK | 1 | 24 | 16.08 | 16.40 | 16.31 | | |
| 5 | QPSK | 12 | 0 | 16.03 | 16.40 | 16.29 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.05 | 16.36 | 16.24 | | |
| 5 | QPSK | 12 | 13 | 16.17 | 16.24 | 16.31 | | |
| 5 | QPSK | 25 | 0 | 16.06 | 16.30 | 16.32 | | |
| 5 | 16QAM | 1 | 0 | 16.06 | 16.24 | 16.48 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.24 | 16.26 | 16.36 | | |
| 5 | 16QAM | 1 | 24 | 16.14 | 16.42 | 16.25 | | |
| 5 | 16QAM | 12 | 0 | 16.03 | 16.36 | 16.27 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.10 | 16.23 | 16.31 | | |
| 5 | 16QAM | 12 | 13 | 16.16 | 16.37 | 16.29 | | |
| 5 | 16QAM | 25 | 0 | 16.04 | 16.32 | 16.35 | | |
| 5 | 64QAM | 1 | 0 | 16.03 | 16.21 | 16.26 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.04 | 16.34 | 16.32 | | |
| 5 | 64QAM | 1 | 24 | 16.11 | 16.26 | 16.37 | | |
| 5 | 64QAM | 12 | 0 | 16.21 | 16.27 | 16.26 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.00 | 16.37 | 16.27 | | |
| 5 | 64QAM | 12 | 13 | 16.09 | 16.45 | 16.32 | | |
| 5 | 64QAM | 25 | 0 | 16.09 | 16.28 | 16.20 | | |
| 5 | 256QAM | 1 | 0 | 16.18 | 16.30 | 16.27 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.08 | 16.32 | 16.42 | | |
| 5 | 256QAM | 1 | 24 | 16.16 | 16.31 | 16.23 | | |
| 5 | 256QAM | 12 | 0 | 16.03 | 16.28 | 16.45 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.06 | 16.45 | 16.20 | | |
| 5 | 256QAM | 12 | 13 | 16.02 | 16.30 | 16.33 | | |
| 5 | 256QAM | 25 | 0 | 16.17 | 16.32 | 16.33 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 16.22 | 16.53 | 16.35 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.12 | 16.21 | 16.41 | | |
| 3 | QPSK | 1 | 14 | 16.15 | 16.40 | 16.36 | | |
| 3 | QPSK | 8 | 0 | 16.14 | 16.35 | 16.27 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.13 | 16.37 | 16.25 | | |
| 3 | QPSK | 8 | 7 | 16.26 | 16.26 | 16.31 | | |
| 3 | QPSK | 15 | 0 | 16.13 | 16.30 | 16.26 | | |
| 3 | 16QAM | 1 | 0 | 16.07 | 16.29 | 16.39 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.23 | 16.27 | 16.23 | | |
| 3 | 16QAM | 1 | 14 | 16.16 | 16.37 | 16.23 | | |
| 3 | 16QAM | 8 | 0 | 16.03 | 16.25 | 16.38 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.00 | 16.25 | 16.21 | | |
| 3 | 16QAM | 8 | 7 | 16.24 | 16.34 | 16.24 | | |
| 3 | 16QAM | 15 | 0 | 16.15 | 16.29 | 16.41 | | |
| 3 | 64QAM | 1 | 0 | 16.08 | 16.20 | 16.33 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.07 | 16.38 | 16.36 | | |
| 3 | 64QAM | 1 | 14 | 16.21 | 16.32 | 16.38 | | |
| 3 | 64QAM | 8 | 0 | 16.20 | 16.31 | 16.28 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.09 | 16.40 | 16.21 | | |
| 3 | 64QAM | 8 | 7 | 16.07 | 16.44 | 16.26 | | |
| 3 | 64QAM | 15 | 0 | 16.12 | 16.23 | 16.26 | | |
| 3 | 256QAM | 1 | 0 | 16.04 | 16.35 | 16.21 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.01 | 16.29 | 16.29 | | |
| 3 | 256QAM | 1 | 14 | 16.10 | 16.38 | 16.21 | | |
| 3 | 256QAM | 8 | 0 | 16.06 | 16.27 | 16.37 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.08 | 16.35 | 16.20 | | |
| 3 | 256QAM | 8 | 7 | 16.06 | 16.31 | 16.36 | | |
| 3 | 256QAM | 15 | 0 | 16.12 | 16.30 | 16.25 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.16 | 16.49 | 16.31 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.24 | 16.28 | 16.37 | | |
| 1.4 | QPSK | 1 | 5 | 16.18 | 16.47 | 16.41 | | |
| 1.4 | QPSK | 3 | 0 | 16.02 | 16.42 | 16.26 | | |
| 1.4 | QPSK | 3 | 1 | 16.05 | 16.40 | 16.22 | | |
| 1.4 | QPSK | 3 | 3 | 16.16 | 16.27 | 16.24 | | |
| 1.4 | QPSK | 6 | 0 | 16.13 | 16.21 | 16.30 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.20 | 16.30 | 16.36 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.19 | 16.38 | 16.33 | | |
| 1.4 | 16QAM | 1 | 5 | 16.13 | 16.32 | 16.25 | | |
| 1.4 | 16QAM | 3 | 0 | 16.06 | 16.35 | 16.30 | | |
| 1.4 | 16QAM | 3 | 1 | 16.04 | 16.26 | 16.21 | | |
| 1.4 | 16QAM | 3 | 3 | 16.19 | 16.30 | 16.24 | | |
| 1.4 | 16QAM | 6 | 0 | 16.10 | 16.29 | 16.30 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.10 | 16.24 | 16.31 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.05 | 16.28 | 16.26 | | |
| 1.4 | 64QAM | 1 | 5 | 16.17 | 16.22 | 16.26 | | |
| 1.4 | 64QAM | 3 | 0 | 16.13 | 16.24 | 16.28 | | |
| 1.4 | 64QAM | 3 | 1 | 16.05 | 16.40 | 16.28 | | |
| 1.4 | 64QAM | 3 | 3 | 16.08 | 16.46 | 16.36 | | |
| 1.4 | 64QAM | 6 | 0 | 16.14 | 16.28 | 16.23 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.13 | 16.22 | 16.29 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.06 | 16.31 | 16.46 | | |
| 1.4 | 256QAM | 1 | 5 | 16.15 | 16.36 | 16.22 | | |
| 1.4 | 256QAM | 3 | 0 | 16.00 | 16.29 | 16.34 | | |
| 1.4 | 256QAM | 3 | 1 | 16.01 | 16.37 | 16.29 | | |
| 1.4 | 256QAM | 3 | 3 | 16.04 | 16.35 | 16.40 | | |
| 1.4 | 256QAM | 6 | 0 | 16.12 | 16.30 | 16.23 | 18 | 0 |

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.44 | 22.31 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.38 | 22.30 | 22.26 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.19 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.55 | 21.61 | 21.46 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.50 | 21.49 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.54 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.56 | 21.55 | | |
| 10 | 16QAM | 1 | 0 | 21.96 | 21.91 | 21.90 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.78 | 21.84 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 22.06 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.70 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.61 | 19.47 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.53 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.49 | 19.40 | | |
| 10 | 256QAM | 1 | 0 | 17.66 | 17.71 | 17.63 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.79 | 17.68 | | |
| 10 | 256QAM | 1 | 49 | 17.83 | 17.91 | 17.82 | | |
| 10 | 256QAM | 25 | 0 | 17.61 | 17.66 | 17.55 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.65 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.61 | 17.71 | 17.67 | | |
| 10 | 256QAM | 50 | 0 | 17.56 | 17.61 | 17.55 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.34 | 22.38 | 22.23 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.20 | 22.17 | | |
| 5 | QPSK | 1 | 24 | 22.20 | 22.17 | 22.20 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.62 | 21.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.50 | 21.51 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.54 | 21.29 | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.56 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 22.00 | 21.93 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.82 | 21.86 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.70 | 22.06 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 20.54 | 20.49 | 20.57 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.50 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.43 | 20.47 | 20.47 | | |
| 5 | 16QAM | 25 | 0 | 20.61 | 20.50 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.59 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.41 | 20.52 | 20.58 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.79 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 19.57 | 19.52 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.56 | 19.46 | 19.46 | | |
| 5 | 64QAM | 12 | 13 | 19.46 | 19.57 | 19.49 | | |
| 5 | 64QAM | 25 | 0 | 19.58 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.61 | 17.55 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.61 | 17.75 | 17.65 | | |
| 5 | 256QAM | 1 | 24 | 17.78 | 17.86 | 17.74 | | |
| 5 | 256QAM | 12 | 0 | 17.56 | 17.56 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.41 | 17.53 | 17.52 | | |
| 5 | 256QAM | 12 | 13 | 17.49 | 17.66 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.58 | 17.45 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.38 | 22.36 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.40 | 22.31 | 22.17 | | |
| 3 | QPSK | 1 | 14 | 22.17 | 22.12 | 22.10 | | |
| 3 | QPSK | 8 | 0 | 21.55 | 21.62 | 21.49 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.52 | 21.47 | 21.48 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.58 | 21.30 | | |
| 3 | QPSK | 15 | 0 | 21.54 | 21.57 | 21.58 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 21.83 | 21.83 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.81 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.70 | 22.04 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.65 | 20.48 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.61 | 20.49 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.47 | 20.32 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.45 | 20.41 | | |
| 3 | 64QAM | 1 | 0 | 20.55 | 20.56 | 20.60 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.43 | 20.62 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.52 | 20.77 | 20.61 | | |
| 3 | 64QAM | 8 | 0 | 19.57 | 19.44 | 19.54 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.58 | 19.54 | | |
| 3 | 64QAM | 8 | 7 | 19.52 | 19.57 | 19.45 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.46 | 19.31 | | |
| 3 | 256QAM | 1 | 0 | 17.58 | 17.65 | 17.52 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.70 | 17.77 | 17.56 | | |
| 3 | 256QAM | 1 | 14 | 17.80 | 17.85 | 17.74 | | |
| 3 | 256QAM | 8 | 0 | 17.55 | 17.58 | 17.44 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.48 | 17.63 | 17.44 | | |
| 3 | 256QAM | 8 | 7 | 17.54 | 17.64 | 17.61 | | |
| 3 | 256QAM | 15 | 0 | 17.50 | 17.55 | 17.51 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.42 | 22.44 | 22.35 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.41 | 22.33 | 22.22 | | |
| 1.4 | QPSK | 1 | 5 | 22.23 | 22.15 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.41 | 22.21 | | |
| 1.4 | QPSK | 3 | 1 | 22.35 | 22.34 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.23 | 22.30 | 22.14 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.60 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.01 | 21.82 | 21.95 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.73 | 21.80 | 21.84 | | |
| 1.4 | 16QAM | 1 | 5 | 21.67 | 21.99 | 21.91 | | |
| 1.4 | 16QAM | 3 | 0 | 21.59 | 21.43 | 21.56 | | |
| 1.4 | 16QAM | 3 | 1 | 21.51 | 21.42 | 21.51 | | |
| 1.4 | 16QAM | 3 | 3 | 21.45 | 21.44 | 21.39 | | |
| 1.4 | 16QAM | 6 | 0 | 20.69 | 20.53 | 20.40 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.58 | 20.62 | 20.65 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.41 | 20.53 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.64 | 20.64 | 20.54 | | |
| 1.4 | 64QAM | 3 | 0 | 20.58 | 20.41 | 20.50 | | |
| 1.4 | 64QAM | 3 | 1 | 20.66 | 20.48 | 20.60 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.59 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.53 | 19.43 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.63 | 17.68 | 17.53 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.68 | 17.64 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.81 | 17.80 | | |
| 1.4 | 256QAM | 3 | 0 | 17.54 | 17.55 | 17.50 | | |
| 1.4 | 256QAM | 3 | 1 | 17.50 | 17.54 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.54 | 17.64 | 17.59 | | |
| 1.4 | 256QAM | 6 | 0 | 17.53 | 17.53 | 17.45 | 19 | 5 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 20.64 | 20.74 | 20.60 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.61 | 20.73 | 20.54 | | |
| 10 | QPSK | 1 | 49 | 20.56 | 20.64 | 20.54 | | |
| 10 | QPSK | 25 | 0 | 20.44 | 20.56 | 20.46 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.36 | 20.51 | 20.40 | | |
| 10 | QPSK | 25 | 25 | 20.40 | 20.39 | 20.39 | | |
| 10 | QPSK | 50 | 0 | 20.47 | 20.51 | 20.45 | | |
| 10 | 16QAM | 1 | 0 | 20.42 | 20.51 | 20.40 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.38 | 20.45 | 20.35 | | |
| 10 | 16QAM | 1 | 49 | 20.46 | 20.55 | 20.46 | | |
| 10 | 16QAM | 25 | 0 | 20.54 | 20.69 | 20.61 | 22 | 0.2 |
| 10 | 16QAM | 25 | 12 | 20.63 | 20.65 | 20.57 | | |
| 10 | 16QAM | 25 | 25 | 20.69 | 20.71 | 20.53 | | |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.65 | 20.52 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.66 | 20.52 | 22 | 0.2 |
| 10 | 64QAM | 1 | 25 | 20.71 | 20.68 | 20.64 | | |
| 10 | 64QAM | 1 | 49 | 20.64 | 20.69 | 20.48 | | |
| 10 | 64QAM | 25 | 0 | 19.50 | 19.57 | 19.54 | 21 | 1.2 |
| 10 | 64QAM | 25 | 12 | 19.66 | 19.74 | 19.67 | | |
| 10 | 64QAM | 25 | 25 | 19.56 | 19.69 | 19.55 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.69 | 19.56 | | |
| 10 | 256QAM | 1 | 0 | 17.57 | 17.75 | 17.63 | 19 | 3.2 |
| 10 | 256QAM | 1 | 25 | 17.61 | 17.73 | 17.55 | | |
| 10 | 256QAM | 1 | 49 | 17.49 | 17.62 | 17.59 | | |
| 10 | 256QAM | 25 | 0 | 17.68 | 17.75 | 17.62 | 19 | 3.2 |
| 10 | 256QAM | 25 | 12 | 17.70 | 17.71 | 17.64 | | |
| 10 | 256QAM | 25 | 25 | 17.60 | 17.78 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.59 | 17.66 | 17.54 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.50 | 20.69 | 20.53 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.48 | 20.66 | 20.53 | | |
| 5 | QPSK | 1 | 24 | 20.55 | 20.49 | 20.52 | | |
| 5 | QPSK | 12 | 0 | 20.31 | 20.52 | 20.33 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.21 | 20.40 | 20.36 | | |
| 5 | QPSK | 12 | 13 | 20.37 | 20.30 | 20.28 | | |
| 5 | QPSK | 25 | 0 | 20.35 | 20.41 | 20.31 | | |
| 5 | 16QAM | 1 | 0 | 20.35 | 20.39 | 20.29 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.34 | 20.36 | 20.26 | | |
| 5 | 16QAM | 1 | 24 | 20.39 | 20.48 | 20.37 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.55 | 20.49 | 22 | 0.2 |
| 5 | 16QAM | 12 | 7 | 20.56 | 20.58 | 20.55 | | |
| 5 | 16QAM | 12 | 13 | 20.59 | 20.58 | 20.44 | | |
| 5 | 16QAM | 25 | 0 | 20.54 | 20.61 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.56 | 20.58 | 20.40 | 22 | 0.2 |
| 5 | 64QAM | 1 | 12 | 20.63 | 20.65 | 20.54 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.64 | 20.33 | | |
| 5 | 64QAM | 12 | 0 | 19.36 | 19.47 | 19.42 | 21 | 1.2 |
| 5 | 64QAM | 12 | 7 | 19.61 | 19.73 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.45 | 19.61 | 19.41 | | |
| 5 | 64QAM | 25 | 0 | 19.50 | 19.54 | 19.53 | | |
| 5 | 256QAM | 1 | 0 | 17.54 | 17.71 | 17.49 | 19 | 3.2 |
| 5 | 256QAM | 1 | 12 | 17.51 | 17.66 | 17.40 | | |
| 5 | 256QAM | 1 | 24 | 17.36 | 17.51 | 17.53 | | |
| 5 | 256QAM | 12 | 0 | 17.54 | 17.62 | 17.51 | 19 | 3.2 |
| 5 | 256QAM | 12 | 7 | 17.56 | 17.60 | 17.56 | | |
| 5 | 256QAM | 12 | 13 | 17.51 | 17.71 | 17.43 | | |
| 5 | 256QAM | 25 | 0 | 17.50 | 17.62 | 17.44 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 20.55 | 20.73 | 20.55 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 20.56 | 20.67 | 20.51 | | |
| 3 | QPSK | 1 | 14 | 20.50 | 20.53 | 20.47 | | |
| 3 | QPSK | 8 | 0 | 20.39 | 20.53 | 20.33 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 20.30 | 20.45 | 20.27 | | |
| 3 | QPSK | 8 | 7 | 20.26 | 20.33 | 20.26 | | |
| 3 | QPSK | 15 | 0 | 20.37 | 20.39 | 20.43 | | |
| 3 | 16QAM | 1 | 0 | 20.38 | 20.44 | 20.27 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 20.35 | 20.33 | 20.23 | | |
| 3 | 16QAM | 1 | 14 | 20.41 | 20.45 | 20.35 | | |
| 3 | 16QAM | 8 | 0 | 20.42 | 20.59 | 20.46 | 22 | 0.2 |
| 3 | 16QAM | 8 | 4 | 20.49 | 20.62 | 20.46 | | |
| 3 | 16QAM | 8 | 7 | 20.58 | 20.65 | 20.51 | | |
| 3 | 16QAM | 15 | 0 | 20.53 | 20.68 | 20.48 | | |
| 3 | 64QAM | 1 | 0 | 20.48 | 20.65 | 20.41 | 22 | 0.2 |
| 3 | 64QAM | 1 | 8 | 20.65 | 20.62 | 20.62 | | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.62 | 20.39 | | |
| 3 | 64QAM | 8 | 0 | 19.42 | 19.48 | 19.40 | 21 | 1.2 |
| 3 | 64QAM | 8 | 4 | 19.63 | 19.61 | 19.55 | | |
| 3 | 64QAM | 8 | 7 | 19.45 | 19.68 | 19.48 | | |
| 3 | 64QAM | 15 | 0 | 19.50 | 19.54 | 19.48 | | |
| 3 | 256QAM | 1 | 0 | 17.46 | 17.66 | 17.49 | 19 | 3.2 |
| 3 | 256QAM | 1 | 8 | 17.53 | 17.70 | 17.44 | | |
| 3 | 256QAM | 1 | 14 | 17.47 | 17.52 | 17.54 | | |
| 3 | 256QAM | 8 | 0 | 17.60 | 17.71 | 17.49 | 19 | 3.2 |
| 3 | 256QAM | 8 | 4 | 17.59 | 17.57 | 17.49 | | |
| 3 | 256QAM | 8 | 7 | 17.58 | 17.67 | 17.51 | | |
| 3 | 256QAM | 15 | 0 | 17.53 | 17.63 | 17.47 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.56 | 20.68 | 20.57 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.54 | 20.66 | 20.50 | | |
| 1.4 | QPSK | 1 | 5 | 20.44 | 20.59 | 20.48 | | |
| 1.4 | QPSK | 3 | 0 | 20.45 | 20.67 | 20.53 | | |
| 1.4 | QPSK | 3 | 1 | 20.42 | 20.62 | 20.47 | | |
| 1.4 | QPSK | 3 | 3 | 20.43 | 20.65 | 20.47 | | |
| 1.4 | QPSK | 6 | 0 | 20.51 | 20.67 | 20.43 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.41 | 20.64 | 20.55 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.47 | 20.63 | 20.54 | | |
| 1.4 | 16QAM | 1 | 5 | 20.41 | 20.55 | 20.49 | | |
| 1.4 | 16QAM | 3 | 0 | 20.54 | 20.63 | 20.44 | | |
| 1.4 | 16QAM | 3 | 1 | 20.55 | 20.53 | 20.49 | | |
| 1.4 | 16QAM | 3 | 3 | 20.47 | 20.63 | 20.48 | | |
| 1.4 | 16QAM | 6 | 0 | 20.50 | 20.68 | 20.55 | 22 | 0.2 |
| 1.4 | 64QAM | 1 | 0 | 20.61 | 20.73 | 20.64 | 22 | 0.2 |
| 1.4 | 64QAM | 1 | 3 | 20.56 | 20.73 | 20.53 | | |
| 1.4 | 64QAM | 1 | 5 | 20.54 | 20.70 | 20.59 | | |
| 1.4 | 64QAM | 3 | 0 | 20.49 | 20.73 | 20.62 | | |
| 1.4 | 64QAM | 3 | 1 | 20.61 | 20.66 | 20.53 | | |
| 1.4 | 64QAM | 3 | 3 | 20.53 | 20.62 | 20.62 | | |
| 1.4 | 64QAM | 6 | 0 | 19.61 | 19.64 | 19.51 | 21 | 1.2 |
| 1.4 | 256QAM | 1 | 0 | 17.57 | 17.63 | 17.50 | 19 | 3.2 |
| 1.4 | 256QAM | 1 | 3 | 17.56 | 17.64 | 17.46 | | |
| 1.4 | 256QAM | 1 | 5 | 17.43 | 17.53 | 17.44 | | |
| 1.4 | 256QAM | 3 | 0 | 17.54 | 17.60 | 17.51 | | |
| 1.4 | 256QAM | 3 | 1 | 17.66 | 17.67 | 17.53 | | |
| 1.4 | 256QAM | 3 | 3 | 17.59 | 17.72 | 17.44 | | |
| 1.4 | 256QAM | 6 | 0 | 17.48 | 17.53 | 17.42 | 19 | 3.2 |

## Band 7_Ant 1

| 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 | 22.54 | 22.64 | 22.50 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.46 | 22.55 | 22.49 | | |
| 20 | QPSK | 1 | 99 | 22.52 | 22.52 | 22.41 | | |
| 20 | QPSK | 50 | 0 | 21.89 | 22.05 | 21.78 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.87 | 21.85 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.82 | 21.75 | | |
| 20 | QPSK | 100 | 0 | 21.98 | 22.02 | 21.77 | | |
| 20 | 16QAM | 1 | 0 | 22.36 | 22.18 | 22.13 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.33 | 22.16 | | |
| 20 | 16QAM | 1 | 99 | 22.29 | 22.40 | 22.07 | | |
| 20 | 16QAM | 50 | 0 | 21.07 | 21.09 | 20.93 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 21.09 | 21.11 | 20.85 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.09 | 20.96 | | |
| 20 | 16QAM | 100 | 0 | 21.23 | 21.09 | 20.96 | | |
| 20 | 64QAM | 1 | 0 | 21.26 | 20.97 | 20.83 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.09 | 21.18 | 21.03 | | |
| 20 | 64QAM | 1 | 99 | 21.35 | 21.16 | 21.08 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.06 | 19.91 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.17 | 20.06 | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.08 | 19.90 | | |
| 20 | 64QAM | 100 | 0 | 20.17 | 20.04 | 19.96 | | |
| 20 | 256QAM | 1 | 0 | 17.93 | 17.76 | 17.72 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.92 | 17.87 | 17.89 | | |
| 20 | 256QAM | 1 | 99 | 17.85 | 17.93 | 17.96 | | |
| 20 | 256QAM | 50 | 0 | 17.71 | 17.70 | 17.68 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.83 | 17.79 | 17.85 | | |
| 20 | 256QAM | 50 | 50 | 17.77 | 17.65 | 17.88 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.77 | 17.79 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.49 | 22.50 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.42 | 22.51 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.51 | 22.47 | 22.42 | | |
| 15 | QPSK | 36 | 0 | 21.72 | 21.91 | 21.72 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.74 | 21.83 | 21.57 | | |
| 15 | QPSK | 36 | 39 | 21.77 | 21.84 | 21.64 | | |
| 15 | QPSK | 75 | 0 | 21.88 | 21.94 | 21.79 | | |
| 15 | 16QAM | 1 | 0 | 22.32 | 22.18 | 21.98 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.21 | 22.31 | 22.12 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.30 | 22.07 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.01 | 20.85 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 21.11 | 21.10 | 20.81 | | |
| 15 | 16QAM | 36 | 39 | 21.01 | 21.05 | 20.88 | | |
| 15 | 16QAM | 75 | 0 | 21.14 | 21.00 | 20.84 | | |
| 15 | 64QAM | 1 | 0 | 21.10 | 20.88 | 20.76 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.07 | 21.15 | 20.99 | | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.09 | 20.92 | | |
| 15 | 64QAM | 36 | 0 | 20.07 | 20.03 | 19.86 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.05 | 20.04 | 19.90 | | |
| 15 | 64QAM | 36 | 39 | 20.02 | 20.03 | 19.87 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 19.98 | 19.78 | | |
| 15 | 256QAM | 1 | 0 | 17.88 | 17.73 | 17.69 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.82 | 17.78 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 17.86 | 17.86 | | |
| 15 | 256QAM | 36 | 0 | 17.66 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.74 | 17.74 | | |
| 15 | 256QAM | 36 | 39 | 17.81 | 17.67 | 17.76 | | |
| 15 | 256QAM | 75 | 0 | 17.72 | 17.60 | 17.68 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.50 | 22.40 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.48 | 22.43 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.37 | | |
| 10 | QPSK | 25 | 0 | 21.81 | 21.91 | 21.63 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.76 | 21.88 | 21.57 | | |
| 10 | QPSK | 25 | 25 | 21.81 | 21.86 | 21.63 | | |
| 10 | QPSK | 50 | 0 | 21.85 | 21.90 | 21.81 | | |
| 10 | 16QAM | 1 | 0 | 22.25 | 22.19 | 21.96 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.20 | 22.22 | 22.12 | | |
| 10 | 16QAM | 1 | 49 | 22.21 | 22.27 | 22.05 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.01 | 20.85 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 21.03 | 21.08 | 20.81 | | |
| 10 | 16QAM | 25 | 25 | 21.04 | 21.10 | 20.81 | | |
| 10 | 16QAM | 50 | 0 | 21.08 | 20.98 | 20.88 | | |
| 10 | 64QAM | 1 | 0 | 21.15 | 20.90 | 20.69 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.07 | 21.13 | 20.89 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.01 | 20.99 | | |
| 10 | 64QAM | 25 | 0 | 20.07 | 20.08 | 19.90 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.11 | 20.05 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.09 | 19.90 | | |
| 10 | 64QAM | 50 | 0 | 20.16 | 19.95 | 19.81 | | |
| 10 | 256QAM | 1 | 0 | 17.93 | 17.74 | 17.72 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.77 | 17.80 | | |
| 10 | 256QAM | 1 | 49 | 17.79 | 17.84 | 17.86 | | |
| 10 | 256QAM | 25 | 0 | 17.67 | 17.58 | 17.50 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.76 | 17.68 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.64 | 17.81 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.63 | 17.68 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.56 | 22.59 | 22.37 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.46 | 22.51 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.48 | 22.44 | 22.39 | | |
| 5 | QPSK | 12 | 0 | 21.76 | 21.96 | 21.63 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.82 | 21.84 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.80 | 21.77 | 21.69 | | |
| 5 | QPSK | 25 | 0 | 21.88 | 21.96 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.26 | 22.16 | 21.99 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.22 | 22.28 | 22.08 | | |
| 5 | 16QAM | 1 | 24 | 22.26 | 22.24 | 22.04 | | |
| 5 | 16QAM | 12 | 0 | 20.98 | 20.99 | 20.84 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.03 | 20.85 | | |
| 5 | 16QAM | 12 | 13 | 21.00 | 21.02 | 20.90 | | |
| 5 | 16QAM | 25 | 0 | 21.12 | 20.97 | 20.85 | | |
| 5 | 64QAM | 1 | 0 | 21.17 | 20.94 | 20.68 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.10 | 21.15 | 20.98 | | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.09 | 20.91 | | |
| 5 | 64QAM | 12 | 0 | 20.03 | 20.04 | 19.89 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 20.08 | 20.13 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 20.10 | 20.09 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.18 | 19.97 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 17.88 | 17.72 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.84 | 17.85 | | |
| 5 | 256QAM | 1 | 24 | 17.81 | 17.78 | 17.92 | | |
| 5 | 256QAM | 12 | 0 | 17.68 | 17.58 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.76 | 17.74 | 17.79 | | |
| 5 | 256QAM | 12 | 13 | 17.71 | 17.63 | 17.78 | | |
| 5 | 256QAM | 25 | 0 | 17.79 | 17.61 | 17.71 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.39 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.54 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.51 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.89 | 21.86 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.62 | 21.69 | 21.80 | | |
| 10 | 16QAM | 1 | 49 | 21.90 | 21.75 | 21.85 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.56 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.55 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.52 | 20.48 | 20.53 | | |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.60 | 20.57 | | |
| 10 | 64QAM | 1 | 0 | 20.73 | 20.68 | 20.46 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.62 | 20.58 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.84 | 20.75 | 20.88 | | |
| 10 | 64QAM | 25 | 0 | 19.53 | 19.51 | 19.45 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.57 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.57 | 19.51 | 19.52 | | |
| 10 | 64QAM | 50 | 0 | 19.67 | 19.48 | 19.63 | | |
| 10 | 256QAM | 1 | 0 | 17.59 | 17.69 | 17.78 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.53 | 17.55 | 17.57 | | |
| 10 | 256QAM | 1 | 49 | 17.62 | 17.59 | 17.72 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.62 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.62 | 17.73 | | |
| 10 | 256QAM | 25 | 25 | 17.62 | 17.64 | 17.61 | | |
| 10 | 256QAM | 50 | 0 | 17.65 | 17.63 | 17.69 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.43 | 22.54 | 22.51 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.29 | 22.41 | | |
| 5 | QPSK | 1 | 24 | 22.40 | 22.41 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 21.49 | 21.66 | 21.51 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.47 | 21.47 | | |
| 5 | QPSK | 12 | 13 | 21.48 | 21.40 | 21.55 | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.45 | 21.43 | | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.92 | 21.86 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.56 | 21.72 | 21.73 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.74 | 21.78 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.61 | 20.44 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.56 | 20.57 | | |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.50 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.59 | 20.62 | | |
| 5 | 64QAM | 1 | 0 | 20.67 | 20.71 | 20.51 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.59 | 20.59 | 20.63 | | |
| 5 | 64QAM | 1 | 24 | 20.82 | 20.68 | 20.92 | | |
| 5 | 64QAM | 12 | 0 | 19.55 | 19.49 | 19.43 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.71 | 19.47 | 19.47 | | |
| 5 | 64QAM | 12 | 13 | 19.52 | 19.56 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.46 | 19.66 | | |
| 5 | 256QAM | 1 | 0 | 17.57 | 17.74 | 17.76 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.50 | 17.51 | 17.62 | | |
| 5 | 256QAM | 1 | 24 | 17.67 | 17.55 | 17.77 | | |
| 5 | 256QAM | 12 | 0 | 17.64 | 17.55 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.67 | 17.70 | | |
| 5 | 256QAM | 12 | 13 | 17.63 | 17.66 | 17.60 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.61 | 17.63 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.50 | 22.48 | 22.52 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.42 | 22.44 | 22.46 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.43 | 22.23 | | |
| 3 | QPSK | 8 | 0 | 21.44 | 21.56 | 21.48 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.49 | 21.54 | 21.37 | | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.37 | 21.48 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.46 | 21.49 | | |
| 3 | 16QAM | 1 | 0 | 21.75 | 21.93 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.62 | 21.60 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.95 | 21.71 | 21.86 | | |
| 3 | 16QAM | 8 | 0 | 20.37 | 20.59 | 20.53 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.50 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.52 | 20.49 | | |
| 3 | 16QAM | 15 | 0 | 20.50 | 20.55 | 20.61 | | |
| 3 | 64QAM | 1 | 0 | 20.64 | 20.64 | 20.36 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.56 | 20.51 | 20.67 | | |
| 3 | 64QAM | 1 | 14 | 20.86 | 20.68 | 20.82 | | |
| 3 | 64QAM | 8 | 0 | 19.52 | 19.46 | 19.46 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.61 | 19.52 | 19.48 | | |
| 3 | 64QAM | 8 | 7 | 19.49 | 19.41 | 19.44 | | |
| 3 | 64QAM | 15 | 0 | 19.68 | 19.43 | 19.55 | | |
| 3 | 256QAM | 1 | 0 | 17.62 | 17.71 | 17.70 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.53 | 17.60 | 17.57 | | |
| 3 | 256QAM | 1 | 14 | 17.60 | 17.59 | 17.76 | | |
| 3 | 256QAM | 8 | 0 | 17.77 | 17.66 | 17.51 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.72 | 17.55 | 17.66 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.59 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.61 | 17.55 | 17.74 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.48 | 22.42 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.35 | 22.44 | 22.49 | | |
| 1.4 | QPSK | 1 | 5 | 22.42 | 22.33 | 22.13 | | |
| 1.4 | QPSK | 3 | 0 | 22.30 | 22.48 | 22.36 | | |
| 1.4 | QPSK | 3 | 1 | 22.36 | 22.33 | 22.24 | | |
| 1.4 | QPSK | 3 | 3 | 22.35 | 22.29 | 22.31 | | |
| 1.4 | QPSK | 6 | 0 | 21.40 | 21.48 | 21.43 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.72 | 21.87 | 21.89 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.53 | 21.70 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.80 | 21.71 | 21.76 | | |
| 1.4 | 16QAM | 3 | 0 | 21.39 | 21.55 | 21.48 | | |
| 1.4 | 16QAM | 3 | 1 | 21.65 | 21.52 | 21.58 | | |
| 1.4 | 16QAM | 3 | 3 | 21.53 | 21.51 | 21.45 | | |
| 1.4 | 16QAM | 6 | 0 | 20.50 | 20.56 | 20.54 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.76 | 20.58 | 20.41 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.67 | 20.54 | 20.58 | | |
| 1.4 | 64QAM | 1 | 5 | 20.85 | 20.75 | 20.89 | | |
| 1.4 | 64QAM | 3 | 0 | 20.43 | 20.41 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.71 | 20.58 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.55 | 20.52 | 20.57 | | |
| 1.4 | 64QAM | 6 | 0 | 19.62 | 19.50 | 19.56 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.65 | 17.76 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.45 | 17.51 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.61 | 17.59 | 17.69 | | |
| 1.4 | 256QAM | 3 | 0 | 17.77 | 17.58 | 17.57 | | |
| 1.4 | 256QAM | 3 | 1 | 17.67 | 17.65 | 17.78 | | |
| 1.4 | 256QAM | 3 | 3 | 17.59 | 17.63 | 17.62 | | |
| 1.4 | 256QAM | 6 | 0 | 17.62 | 17.59 | 17.67 | 19 | 5 |

## Band 12_Ant 4

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.37 | 22.55 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.32 | 22.38 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.24 | 22.23 | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.64 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.39 | 21.46 | 21.34 | | |
| 10 | QPSK | 25 | 25 | 21.36 | 21.48 | 21.40 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.46 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.58 | 21.66 | 21.81 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.51 | 21.72 | | |
| 10 | 16QAM | 1 | 49 | 21.75 | 21.56 | 21.91 | | |
| 10 | 16QAM | 25 | 0 | 20.41 | 20.47 | 20.30 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.39 | 20.35 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.45 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.36 | 20.40 | | |
| 10 | 64QAM | 1 | 0 | 20.71 | 20.68 | 20.76 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.46 | 20.44 | 20.42 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.47 | 20.42 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.47 | 19.44 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.56 | 19.35 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.47 | 19.40 | | |
| 10 | 64QAM | 50 | 0 | 19.45 | 19.42 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.64 | 17.51 | 17.41 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.41 | 17.45 | 17.50 | | |
| 10 | 256QAM | 1 | 49 | 17.55 | 17.45 | 17.48 | | |
| 10 | 256QAM | 25 | 0 | 17.39 | 17.44 | 17.59 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.57 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.32 | 17.42 | 17.39 | | |
| 10 | 256QAM | 50 | 0 | 17.57 | 17.58 | 17.71 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.50 | 22.34 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.35 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.02 | 22.23 | 22.22 | | |
| 5 | QPSK | 12 | 0 | 21.35 | 21.64 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.31 | 21.45 | 21.24 | | |
| 5 | QPSK | 12 | 13 | 21.27 | 21.42 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.43 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.50 | 21.67 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.68 | 21.50 | 21.74 | | |
| 5 | 16QAM | 1 | 24 | 21.68 | 21.46 | 21.96 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.40 | 20.29 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.31 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.48 | 20.36 | 20.34 | | |
| 5 | 16QAM | 25 | 0 | 20.49 | 20.30 | 20.40 | | |
| 5 | 64QAM | 1 | 0 | 20.61 | 20.72 | 20.73 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.51 | 20.38 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.44 | 20.41 | 20.39 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.39 | 19.42 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.59 | 19.33 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.49 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.36 | 19.48 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.49 | 17.35 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.36 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.53 | 17.47 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.34 | 17.34 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.61 | 17.62 | 17.63 | | |
| 5 | 256QAM | 12 | 13 | 17.28 | 17.40 | 17.32 | | |
| 5 | 256QAM | 25 | 0 | 17.59 | 17.57 | 17.71 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.39 | 22.45 | 22.30 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.33 | 22.40 | 22.16 | | |
| 3 | QPSK | 1 | 14 | 22.02 | 22.16 | 22.20 | | |
| 3 | QPSK | 8 | 0 | 21.39 | 21.68 | 21.45 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.43 | 21.50 | 21.24 | | |
| 3 | QPSK | 8 | 7 | 21.33 | 21.43 | 21.42 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.49 | 21.27 | | |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.56 | 21.71 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.72 | 21.42 | 21.67 | | |
| 3 | 16QAM | 1 | 14 | 21.65 | 21.48 | 21.89 | | |
| 3 | 16QAM | 8 | 0 | 20.35 | 20.47 | 20.29 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.37 | 20.26 | 20.49 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.45 | 20.34 | | |
| 3 | 16QAM | 15 | 0 | 20.39 | 20.32 | 20.31 | | |
| 3 | 64QAM | 1 | 0 | 20.72 | 20.63 | 20.77 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.44 | 20.36 | 20.43 | | |
| 3 | 64QAM | 1 | 14 | 20.48 | 20.37 | 20.45 | | |
| 3 | 64QAM | 8 | 0 | 19.53 | 19.37 | 19.43 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.54 | 19.26 | 19.58 | | |
| 3 | 64QAM | 8 | 7 | 19.46 | 19.44 | 19.43 | | |
| 3 | 64QAM | 15 | 0 | 19.39 | 19.44 | 19.44 | | |
| 3 | 256QAM | 1 | 0 | 17.61 | 17.45 | 17.45 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.35 | 17.38 | 17.41 | | |
| 3 | 256QAM | 1 | 14 | 17.57 | 17.41 | 17.50 | | |
| 3 | 256QAM | 8 | 0 | 17.33 | 17.37 | 17.64 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.73 | 17.52 | 17.53 | | |
| 3 | 256QAM | 8 | 7 | 17.35 | 17.47 | 17.30 | | |
| 3 | 256QAM | 15 | 0 | 17.56 | 17.58 | 17.63 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.41 | 22.50 | 22.20 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.23 | 22.37 | 22.21 | | |
| 1.4 | QPSK | 1 | 5 | 22.15 | 22.17 | 22.19 | | |
| 1.4 | QPSK | 3 | 0 | 22.22 | 22.41 | 22.24 | | |
| 1.4 | QPSK | 3 | 1 | 22.10 | 22.17 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.11 | 22.25 | 22.11 | | |
| 1.4 | QPSK | 6 | 0 | 21.26 | 21.42 | 21.30 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.53 | 21.65 | 21.82 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.76 | 21.54 | 21.72 | | |
| 1.4 | 16QAM | 1 | 5 | 21.76 | 21.58 | 21.85 | | |
| 1.4 | 16QAM | 3 | 0 | 21.32 | 21.51 | 21.35 | | |
| 1.4 | 16QAM | 3 | 1 | 21.31 | 21.35 | 21.52 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.46 | 21.34 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.32 | 20.35 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.66 | 20.66 | 20.68 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.42 | 20.44 | 20.41 | | |
| 1.4 | 64QAM | 1 | 5 | 20.48 | 20.47 | 20.32 | | |
| 1.4 | 64QAM | 3 | 0 | 20.45 | 20.38 | 20.41 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.32 | 20.55 | | |
| 1.4 | 64QAM | 3 | 3 | 20.38 | 20.47 | 20.45 | | |
| 1.4 | 64QAM | 6 | 0 | 19.41 | 19.33 | 19.44 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.41 | 17.43 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.46 | 17.40 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.53 | 17.40 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.40 | 17.35 | 17.49 | | |
| 1.4 | 256QAM | 3 | 1 | 17.63 | 17.61 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.36 | 17.33 | 17.34 | | |
| 1.4 | 256QAM | 6 | 0 | 17.48 | 17.59 | 17.71 | 19 | 5 |

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.61 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.66 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.28 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.46 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.38 | | |
| 5 | 16QAM | 25 | 0 | 20.46 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.40 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.65 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.40 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.49 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.42 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.59 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.10 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.59 | 21.50 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.76 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.49 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.30 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.63 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.58 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.48 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.43 | 22.55 | 22.53 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.39 | 22.43 | 22.41 | | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.38 | 22.48 | | |
| 20 | QPSK | 50 | 0 | 21.68 | 21.82 | 21.65 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.63 | 21.76 | 21.55 | | |
| 20 | QPSK | 50 | 50 | 21.55 | 21.67 | 21.59 | | |
| 20 | QPSK | 100 | 0 | 21.56 | 21.75 | 21.62 | | |
| 20 | 16QAM | 1 | 0 | 21.76 | 21.79 | 21.91 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.77 | 21.81 | 21.87 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.90 | | |
| 20 | 16QAM | 50 | 0 | 20.62 | 20.55 | 20.68 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.66 | 20.78 | | |
| 20 | 16QAM | 50 | 50 | 20.58 | 20.62 | 20.76 | | |
| 20 | 16QAM | 100 | 0 | 20.60 | 20.62 | 20.77 | | |
| 20 | 64QAM | 1 | 0 | 20.71 | 20.53 | 20.67 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.59 | 20.63 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.51 | 20.68 | 20.79 | | |
| 20 | 64QAM | 50 | 0 | 19.64 | 19.62 | 19.70 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.64 | 19.68 | 19.79 | | |
| 20 | 64QAM | 50 | 50 | 19.60 | 19.61 | 19.75 | | |
| 20 | 64QAM | 100 | 0 | 19.60 | 19.65 | 19.76 | | |
| 20 | 256QAM | 1 | 0 | 17.71 | 17.65 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.52 | 17.62 | 17.64 | | |
| 20 | 256QAM | 1 | 99 | 17.52 | 17.55 | 17.51 | | |
| 20 | 256QAM | 50 | 0 | 17.70 | 17.68 | 17.70 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.52 | 17.59 | 17.63 | | |
| 20 | 256QAM | 50 | 50 | 17.74 | 17.62 | 17.52 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.61 | 17.73 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.48 | 22.54 | 22.53 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.43 | 22.41 | 22.44 | | |
| 15 | QPSK | 1 | 74 | 22.19 | 22.43 | 22.49 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.85 | 21.67 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.62 | 21.71 | 21.56 | | |
| 15 | QPSK | 36 | 39 | 21.53 | 21.57 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 21.50 | 21.70 | 21.60 | | |
| 15 | 16QAM | 1 | 0 | 21.80 | 21.71 | 21.87 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.72 | 21.84 | | |
| 15 | 16QAM | 1 | 74 | 21.67 | 21.65 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.58 | 20.61 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.63 | 20.60 | 20.79 | | |
| 15 | 16QAM | 36 | 39 | 20.61 | 20.62 | 20.80 | | |
| 15 | 16QAM | 75 | 0 | 20.64 | 20.53 | 20.78 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.51 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.63 | 20.75 | | |
| 15 | 64QAM | 1 | 74 | 20.42 | 20.60 | 20.78 | | |
| 15 | 64QAM | 36 | 0 | 19.65 | 19.67 | 19.74 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.57 | 19.59 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.65 | 19.61 | 19.75 | | |
| 15 | 64QAM | 75 | 0 | 19.52 | 19.66 | 19.75 | | |
| 15 | 256QAM | 1 | 0 | 17.73 | 17.55 | 17.77 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.54 | 17.59 | 17.57 | | |
| 15 | 256QAM | 1 | 74 | 17.48 | 17.56 | 17.45 | | |
| 15 | 256QAM | 36 | 0 | 17.75 | 17.60 | 17.67 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.46 | 17.56 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.58 | 17.57 | | |
| 15 | 256QAM | 75 | 0 | 17.62 | 17.56 | 17.77 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.35 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.28 | 22.34 | 22.49 | | |
| 10 | QPSK | 25 | 0 | 21.73 | 21.87 | 21.69 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.54 | 21.80 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.56 | 21.60 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.72 | 21.53 | | |
| 10 | 16QAM | 1 | 0 | 21.67 | 21.75 | 21.93 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.75 | 21.77 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 21.70 | 21.93 | | |
| 10 | 16QAM | 25 | 0 | 20.61 | 20.49 | 20.66 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.54 | 20.56 | 20.82 | | |
| 10 | 16QAM | 25 | 25 | 20.55 | 20.58 | 20.75 | | |
| 10 | 16QAM | 50 | 0 | 20.62 | 20.62 | 20.75 | | |
| 10 | 64QAM | 1 | 0 | 20.66 | 20.50 | 20.71 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.50 | 20.64 | 20.74 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.60 | 20.83 | | |
| 10 | 64QAM | 25 | 0 | 19.66 | 19.64 | 19.70 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.62 | 19.77 | | |
| 10 | 64QAM | 25 | 25 | 19.65 | 19.59 | 19.78 | | |
| 10 | 64QAM | 50 | 0 | 19.57 | 19.55 | 19.78 | | |
| 10 | 256QAM | 1 | 0 | 17.68 | 17.64 | 17.75 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.49 | 17.57 | 17.67 | | |
| 10 | 256QAM | 1 | 49 | 17.42 | 17.49 | 17.45 | | |
| 10 | 256QAM | 25 | 0 | 17.63 | 17.60 | 17.64 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.46 | 17.55 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.77 | 17.67 | 17.56 | | |
| 10 | 256QAM | 50 | 0 | 17.55 | 17.56 | 17.69 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.37 | 22.53 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.48 | 22.31 | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.41 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.68 | 21.80 | 21.69 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.56 | 21.71 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.61 | 21.51 | | |
| 5 | QPSK | 25 | 0 | 21.60 | 21.80 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 21.77 | 21.82 | 21.95 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.73 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.64 | 21.72 | 21.90 | | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.59 | 20.62 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.55 | 20.67 | 20.73 | | |
| 5 | 16QAM | 12 | 13 | 20.60 | 20.64 | 20.72 | | |
| 5 | 16QAM | 25 | 0 | 20.50 | 20.62 | 20.81 | | |
| 5 | 64QAM | 1 | 0 | 20.74 | 20.45 | 20.59 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.60 | 20.77 | | |
| 5 | 64QAM | 1 | 24 | 20.49 | 20.72 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.67 | 19.66 | 19.67 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.64 | 19.70 | 19.69 | | |
| 5 | 64QAM | 12 | 13 | 19.51 | 19.65 | 19.80 | | |
| 5 | 64QAM | 25 | 0 | 19.56 | 19.66 | 19.78 | | |
| 5 | 256QAM | 1 | 0 | 17.72 | 17.64 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.52 | 17.58 | 17.57 | | |
| 5 | 256QAM | 1 | 24 | 17.43 | 17.56 | 17.46 | | |
| 5 | 256QAM | 12 | 0 | 17.60 | 17.65 | 17.74 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.45 | 17.61 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.69 | 17.61 | 17.52 | | |
| 5 | 256QAM | 25 | 0 | 17.57 | 17.54 | 17.69 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.47 | 22.48 | 22.45 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.34 | 22.44 | | |
| 3 | QPSK | 1 | 14 | 22.21 | 22.43 | 22.49 | | |
| 3 | QPSK | 8 | 0 | 21.69 | 21.78 | 21.58 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.59 | 21.81 | 21.52 | | |
| 3 | QPSK | 8 | 7 | 21.49 | 21.67 | 21.62 | | |
| 3 | QPSK | 15 | 0 | 21.61 | 21.75 | 21.52 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.70 | 21.88 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.72 | 21.87 | | |
| 3 | 16QAM | 1 | 14 | 21.75 | 21.66 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 20.64 | 20.49 | 20.67 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.63 | 20.62 | 20.83 | | |
| 3 | 16QAM | 8 | 7 | 20.51 | 20.60 | 20.67 | | |
| 3 | 16QAM | 15 | 0 | 20.54 | 20.66 | 20.68 | | |
| 3 | 64QAM | 1 | 0 | 20.62 | 20.55 | 20.59 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.54 | 20.54 | 20.65 | | |
| 3 | 64QAM | 1 | 14 | 20.43 | 20.73 | 20.78 | | |
| 3 | 64QAM | 8 | 0 | 19.61 | 19.53 | 19.65 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.64 | 19.83 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.51 | 19.77 | | |
| 3 | 64QAM | 15 | 0 | 19.60 | 19.59 | 19.78 | | |
| 3 | 256QAM | 1 | 0 | 17.70 | 17.68 | 17.68 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.45 | 17.57 | 17.61 | | |
| 3 | 256QAM | 1 | 14 | 17.53 | 17.57 | 17.43 | | |
| 3 | 256QAM | 8 | 0 | 17.71 | 17.61 | 17.63 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.64 | 17.67 | | |
| 3 | 256QAM | 8 | 7 | 17.75 | 17.65 | 17.47 | | |
| 3 | 256QAM | 15 | 0 | 17.60 | 17.62 | 17.77 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.36 | 22.47 | 22.44 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.31 | 22.47 | 22.42 | | |
| 1.4 | QPSK | 1 | 5 | 22.19 | 22.40 | 22.50 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.44 | 22.39 | | |
| 1.4 | QPSK | 3 | 1 | 22.25 | 22.40 | 22.20 | | |
| 1.4 | QPSK | 3 | 3 | 22.29 | 22.30 | 22.26 | | |
| 1.4 | QPSK | 6 | 0 | 21.47 | 21.66 | 21.58 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.68 | 21.73 | 21.90 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.76 | 21.91 | | |
| 1.4 | 16QAM | 1 | 5 | 21.70 | 21.74 | 21.80 | | |
| 1.4 | 16QAM | 3 | 0 | 21.60 | 21.57 | 21.65 | | |
| 1.4 | 16QAM | 3 | 1 | 21.63 | 21.64 | 21.70 | | |
| 1.4 | 16QAM | 3 | 3 | 21.63 | 21.53 | 21.70 | | |
| 1.4 | 16QAM | 6 | 0 | 20.59 | 20.64 | 20.76 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.75 | 20.53 | 20.57 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.61 | 20.57 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.73 | 20.79 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.59 | 20.66 | | |
| 1.4 | 64QAM | 3 | 1 | 20.58 | 20.63 | 20.78 | | |
| 1.4 | 64QAM | 3 | 3 | 20.65 | 20.53 | 20.77 | | |
| 1.4 | 64QAM | 6 | 0 | 19.65 | 19.61 | 19.74 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.62 | 17.68 | 17.67 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.56 | 17.65 | 17.69 | | |
| 1.4 | 256QAM | 1 | 5 | 17.49 | 17.46 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.62 | 17.68 | 17.68 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.67 | | |
| 1.4 | 256QAM | 3 | 3 | 17.74 | 17.57 | 17.42 | | |
| 1.4 | 256QAM | 6 | 0 | 17.66 | 17.51 | 17.78 | 19 | 5 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 16.80 | 16.94 | 16.77 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.74 | 16.81 | 16.69 | | |
| 20 | QPSK | 1 | 99 | 16.72 | 16.82 | 16.72 | | |
| 20 | QPSK | 50 | 0 | 16.71 | 16.85 | 16.73 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.69 | 16.72 | 16.57 | | |
| 20 | QPSK | 50 | 50 | 16.65 | 16.70 | 16.71 | | |
| 20 | QPSK | 100 | 0 | 16.70 | 16.82 | 16.66 | | |
| 20 | 16QAM | 1 | 0 | 16.73 | 16.71 | 16.62 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.68 | 16.76 | 16.71 | | |
| 20 | 16QAM | 1 | 99 | 16.66 | 16.75 | 16.62 | | |
| 20 | 16QAM | 50 | 0 | 16.64 | 16.72 | 16.58 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.59 | 16.74 | 16.63 | | |
| 20 | 16QAM | 50 | 50 | 16.72 | 16.71 | 16.68 | | |
| 20 | 16QAM | 100 | 0 | 16.69 | 16.69 | 16.58 | | |
| 20 | 64QAM | 1 | 0 | 16.68 | 16.75 | 16.71 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.77 | 16.79 | 16.65 | | |
| 20 | 64QAM | 1 | 99 | 16.66 | 16.79 | 16.68 | | |
| 20 | 64QAM | 50 | 0 | 16.58 | 16.74 | 16.68 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.75 | 16.71 | 16.71 | | |
| 20 | 64QAM | 50 | 50 | 16.61 | 16.68 | 16.55 | | |
| 20 | 64QAM | 100 | 0 | 16.70 | 16.80 | 16.64 | | |
| 20 | 256QAM | 1 | 0 | 16.68 | 16.70 | 16.69 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.63 | 16.78 | 16.59 | | |
| 20 | 256QAM | 1 | 99 | 16.57 | 16.76 | 16.67 | | |
| 20 | 256QAM | 50 | 0 | 16.69 | 16.70 | 16.70 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.72 | 16.73 | 16.63 | | |
| 20 | 256QAM | 50 | 50 | 16.65 | 16.77 | 16.62 | | |
| 20 | 256QAM | 100 | 0 | 16.64 | 16.80 | 16.74 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 16.69 | 16.63 | 16.55 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.50 | 16.63 | 16.58 | | |
| 15 | QPSK | 1 | 74 | 16.56 | 16.63 | 16.66 | | |
| 15 | QPSK | 36 | 0 | 16.47 | 16.50 | 16.46 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.44 | 16.50 | 16.34 | | |
| 15 | QPSK | 36 | 39 | 16.46 | 16.58 | 16.60 | | |
| 15 | QPSK | 75 | 0 | 16.47 | 16.52 | 16.53 | | |
| 15 | 16QAM | 1 | 0 | 16.60 | 16.54 | 16.47 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.48 | 16.58 | 16.50 | | |
| 15 | 16QAM | 1 | 74 | 16.42 | 16.53 | 16.39 | | |
| 15 | 16QAM | 36 | 0 | 16.45 | 16.53 | 16.37 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.42 | 16.55 | 16.42 | | |
| 15 | 16QAM | 36 | 39 | 16.61 | 16.56 | 16.53 | | |
| 15 | 16QAM | 75 | 0 | 16.52 | 16.52 | 16.46 | | |
| 15 | 64QAM | 1 | 0 | 16.43 | 16.59 | 16.46 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.53 | 16.54 | 16.41 | | |
| 15 | 64QAM | 1 | 74 | 16.46 | 16.62 | 16.49 | | |
| 15 | 64QAM | 36 | 0 | 16.34 | 16.62 | 16.54 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.54 | 16.56 | 16.53 | | |
| 15 | 64QAM | 36 | 39 | 16.37 | 16.45 | 16.33 | | |
| 15 | 64QAM | 75 | 0 | 16.50 | 16.62 | 16.50 | | |
| 15 | 256QAM | 1 | 0 | 16.55 | 16.50 | 16.57 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.43 | 16.67 | 16.37 | | |
| 15 | 256QAM | 1 | 74 | 16.42 | 16.57 | 16.42 | | |
| 15 | 256QAM | 36 | 0 | 16.56 | 16.52 | 16.58 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.54 | 16.61 | 16.40 | | |
| 15 | 256QAM | 36 | 39 | 16.42 | 16.64 | 16.37 | | |
| 15 | 256QAM | 75 | 0 | 16.47 | 16.64 | 16.62 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 16.57 | 16.73 | 16.60 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.50 | 16.62 | 16.50 | | |
| 10 | QPSK | 1 | 49 | 16.60 | 16.57 | 16.66 | | |
| 10 | QPSK | 25 | 0 | 16.56 | 16.61 | 16.47 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.56 | 16.54 | 16.35 | | |
| 10 | QPSK | 25 | 25 | 16.41 | 16.57 | 16.58 | | |
| 10 | QPSK | 50 | 0 | 16.46 | 16.66 | 16.51 | | |
| 10 | 16QAM | 1 | 0 | 16.50 | 16.51 | 16.49 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.45 | 16.53 | 16.48 | | |
| 10 | 16QAM | 1 | 49 | 16.54 | 16.55 | 16.44 | | |
| 10 | 16QAM | 25 | 0 | 16.53 | 16.49 | 16.37 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.45 | 16.59 | 16.51 | | |
| 10 | 16QAM | 25 | 25 | 16.57 | 16.53 | 16.44 | | |
| 10 | 16QAM | 50 | 0 | 16.44 | 16.52 | 16.46 | | |
| 10 | 64QAM | 1 | 0 | 16.44 | 16.53 | 16.49 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.55 | 16.64 | 16.54 | | |
| 10 | 64QAM | 1 | 49 | 16.50 | 16.61 | 16.57 | | |
| 10 | 64QAM | 25 | 0 | 16.33 | 16.60 | 16.48 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.57 | 16.51 | 16.56 | | |
| 10 | 64QAM | 25 | 25 | 16.38 | 16.49 | 16.32 | | |
| 10 | 64QAM | 50 | 0 | 16.54 | 16.55 | 16.41 | | |
| 10 | 256QAM | 1 | 0 | 16.57 | 16.48 | 16.54 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.45 | 16.63 | 16.48 | | |
| 10 | 256QAM | 1 | 49 | 16.45 | 16.62 | 16.53 | | |
| 10 | 256QAM | 25 | 0 | 16.57 | 16.54 | 16.55 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.55 | 16.62 | 16.44 | | |
| 10 | 256QAM | 25 | 25 | 16.46 | 16.64 | 16.37 | | |
| 10 | 256QAM | 50 | 0 | 16.43 | 16.62 | 16.54 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 16.62 | 16.73 | 16.55 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.62 | 16.65 | 16.44 | | |
| 5 | QPSK | 1 | 24 | 16.57 | 16.68 | 16.65 | | |
| 5 | QPSK | 12 | 0 | 16.51 | 16.62 | 16.59 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.54 | 16.57 | 16.34 | | |
| 5 | QPSK | 12 | 13 | 16.50 | 16.57 | 16.52 | | |
| 5 | QPSK | 25 | 0 | 16.57 | 16.54 | 16.44 | | |
| 5 | 16QAM | 1 | 0 | 16.58 | 16.58 | 16.38 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.51 | 16.65 | 16.52 | | |
| 5 | 16QAM | 1 | 24 | 16.51 | 16.52 | 16.43 | | |
| 5 | 16QAM | 12 | 0 | 16.51 | 16.59 | 16.44 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.42 | 16.62 | 16.48 | | |
| 5 | 16QAM | 12 | 13 | 16.52 | 16.60 | 16.43 | | |
| 5 | 16QAM | 25 | 0 | 16.53 | 16.45 | 16.43 | | |
| 5 | 64QAM | 1 | 0 | 16.48 | 16.55 | 16.50 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.64 | 16.66 | 16.44 | | |
| 5 | 64QAM | 1 | 24 | 16.54 | 16.68 | 16.46 | | |
| 5 | 64QAM | 12 | 0 | 16.37 | 16.51 | 16.44 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.60 | 16.49 | 16.59 | | |
| 5 | 64QAM | 12 | 13 | 16.47 | 16.54 | 16.33 | | |
| 5 | 64QAM | 25 | 0 | 16.47 | 16.59 | 16.41 | | |
| 5 | 256QAM | 1 | 0 | 16.52 | 16.50 | 16.58 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.48 | 16.54 | 16.35 | | |
| 5 | 256QAM | 1 | 24 | 16.35 | 16.59 | 16.51 | | |
| 5 | 256QAM | 12 | 0 | 16.49 | 16.49 | 16.49 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.49 | 16.50 | 16.44 | | |
| 5 | 256QAM | 12 | 13 | 16.42 | 16.62 | 16.41 | | |
| 5 | 256QAM | 25 | 0 | 16.53 | 16.57 | 16.53 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 16.62 | 16.72 | 16.57 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.63 | 16.69 | 16.56 | | |
| 3 | QPSK | 1 | 14 | 16.48 | 16.68 | 16.58 | | |
| 3 | QPSK | 8 | 0 | 16.49 | 16.53 | 16.55 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.55 | 16.54 | 16.34 | | |
| 3 | QPSK | 8 | 7 | 16.45 | 16.58 | 16.57 | | |
| 3 | QPSK | 15 | 0 | 16.59 | 16.57 | 16.41 | | |
| 3 | 16QAM | 1 | 0 | 16.48 | 16.47 | 16.39 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.46 | 16.60 | 16.52 | | |
| 3 | 16QAM | 1 | 14 | 16.42 | 16.64 | 16.43 | | |
| 3 | 16QAM | 8 | 0 | 16.46 | 16.60 | 16.43 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.41 | 16.63 | 16.50 | | |
| 3 | 16QAM | 8 | 7 | 16.56 | 16.51 | 16.56 | | |
| 3 | 16QAM | 15 | 0 | 16.53 | 16.47 | 16.42 | | |
| 3 | 64QAM | 1 | 0 | 16.47 | 16.63 | 16.57 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.53 | 16.58 | 16.52 | | |
| 3 | 64QAM | 1 | 14 | 16.52 | 16.59 | 16.56 | | |
| 3 | 64QAM | 8 | 0 | 16.43 | 16.62 | 16.52 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.51 | 16.46 | 16.48 | | |
| 3 | 64QAM | 8 | 7 | 16.46 | 16.51 | 16.39 | | |
| 3 | 64QAM | 15 | 0 | 16.55 | 16.66 | 16.51 | | |
| 3 | 256QAM | 1 | 0 | 16.47 | 16.53 | 16.52 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.48 | 16.55 | 16.44 | | |
| 3 | 256QAM | 1 | 14 | 16.37 | 16.58 | 16.47 | | |
| 3 | 256QAM | 8 | 0 | 16.45 | 16.53 | 16.59 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.50 | 16.50 | 16.45 | | |
| 3 | 256QAM | 8 | 7 | 16.49 | 16.54 | 16.38 | | |
| 3 | 256QAM | 15 | 0 | 16.51 | 16.64 | 16.54 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.67 | 16.59 | 16.54 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.54 | 16.57 | 16.56 | | |
| 1.4 | QPSK | 1 | 5 | 16.50 | 16.67 | 16.66 | | |
| 1.4 | QPSK | 3 | 0 | 16.47 | 16.53 | 16.47 | | |
| 1.4 | QPSK | 3 | 1 | 16.53 | 16.61 | 16.46 | | |
| 1.4 | QPSK | 3 | 3 | 16.40 | 16.58 | 16.56 | | |
| 1.4 | QPSK | 6 | 0 | 16.59 | 16.59 | 16.43 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.58 | 16.50 | 16.43 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.43 | 16.65 | 16.48 | | |
| 1.4 | 16QAM | 1 | 5 | 16.41 | 16.52 | 16.46 | | |
| 1.4 | 16QAM | 3 | 0 | 16.48 | 16.55 | 16.45 | | |
| 1.4 | 16QAM | 3 | 1 | 16.37 | 16.53 | 16.44 | | |
| 1.4 | 16QAM | 3 | 3 | 16.56 | 16.48 | 16.53 | | |
| 1.4 | 16QAM | 6 | 0 | 16.47 | 16.51 | 16.46 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.53 | 16.61 | 16.47 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.63 | 16.66 | 16.47 | | |
| 1.4 | 64QAM | 1 | 5 | 16.49 | 16.55 | 16.52 | | |
| 1.4 | 64QAM | 3 | 0 | 16.36 | 16.61 | 16.50 | | |
| 1.4 | 64QAM | 3 | 1 | 16.55 | 16.59 | 16.47 | | |
| 1.4 | 64QAM | 3 | 3 | 16.43 | 16.51 | 16.39 | | |
| 1.4 | 64QAM | 6 | 0 | 16.57 | 16.60 | 16.46 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.47 | 16.49 | 16.54 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.46 | 16.53 | 16.44 | | |
| 1.4 | 256QAM | 1 | 5 | 16.38 | 16.62 | 16.45 | | |
| 1.4 | 256QAM | 3 | 0 | 16.57 | 16.49 | 16.57 | | |
| 1.4 | 256QAM | 3 | 1 | 16.61 | 16.58 | 16.44 | | |
| 1.4 | 256QAM | 3 | 3 | 16.47 | 16.59 | 16.42 | | |
| 1.4 | 256QAM | 6 | 0 | 16.39 | 16.57 | 16.54 | 18 | 0 |

## Band 26_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 22.26 | 22.45 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.18 | 22.25 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.24 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 21.40 | 21.48 | 21.41 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.35 | 21.30 | 21.38 | | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.31 | 21.32 | | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.42 | 21.32 | | |
| 15 | 16QAM | 1 | 0 | 21.70 | 21.60 | 21.84 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.60 | 21.80 | 21.82 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 21.63 | 21.58 | | |
| 15 | 16QAM | 36 | 0 | 20.42 | 20.28 | 20.25 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.40 | 20.31 | 20.34 | | |
| 15 | 16QAM | 36 | 39 | 20.45 | 20.31 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.39 | 20.38 | 20.34 | | |
| 15 | 64QAM | 1 | 0 | 20.41 | 20.39 | 20.47 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.64 | 20.40 | 20.24 | | |
| 15 | 64QAM | 1 | 74 | 20.47 | 20.41 | 20.19 | | |
| 15 | 64QAM | 36 | 0 | 19.43 | 19.40 | 19.36 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.51 | 19.32 | 19.40 | | |
| 15 | 64QAM | 36 | 39 | 19.47 | 19.44 | 19.26 | | |
| 15 | 64QAM | 75 | 0 | 19.38 | 19.24 | 19.31 | | |
| 15 | 256QAM | 1 | 0 | 17.51 | 17.63 | 17.56 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.58 | 17.62 | 17.60 | | |
| 15 | 256QAM | 1 | 74 | 17.60 | 17.69 | 17.65 | | |
| 15 | 256QAM | 36 | 0 | 17.39 | 17.48 | 17.40 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.49 | 17.52 | 17.43 | | |
| 15 | 256QAM | 36 | 39 | 17.47 | 17.55 | 17.53 | | |
| 15 | 256QAM | 75 | 0 | 17.39 | 17.51 | 17.47 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.20 | 22.41 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.19 | 22.16 | 22.17 | | |
| 10 | QPSK | 1 | 49 | 22.10 | 22.28 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.44 | 21.38 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.26 | 21.28 | 21.33 | | |
| 10 | QPSK | 25 | 25 | 21.32 | 21.28 | 21.25 | | |
| 10 | QPSK | 50 | 0 | 21.33 | 21.46 | 21.28 | | |
| 10 | 16QAM | 1 | 0 | 21.69 | 21.50 | 21.88 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.52 | 21.73 | 21.85 | | |
| 10 | 16QAM | 1 | 49 | 21.94 | 21.56 | 21.48 | | |
| 10 | 16QAM | 25 | 0 | 20.41 | 20.18 | 20.25 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.43 | 20.28 | 20.34 | | |
| 10 | 16QAM | 25 | 25 | 20.50 | 20.33 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.40 | 20.39 | 20.26 | | |
| 10 | 64QAM | 1 | 0 | 20.40 | 20.40 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.59 | 20.31 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.40 | 20.36 | 20.09 | | |
| 10 | 64QAM | 25 | 0 | 19.40 | 19.45 | 19.32 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.55 | 19.32 | 19.43 | | |
| 10 | 64QAM | 25 | 25 | 19.43 | 19.46 | 19.20 | | |
| 10 | 64QAM | 50 | 0 | 19.42 | 19.29 | 19.29 | | |
| 10 | 256QAM | 1 | 0 | 17.49 | 17.57 | 17.49 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.47 | 17.60 | 17.51 | | |
| 10 | 256QAM | 1 | 49 | 17.58 | 17.58 | 17.63 | | |
| 10 | 256QAM | 25 | 0 | 17.34 | 17.46 | 17.32 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.44 | 17.42 | 17.33 | | |
| 10 | 256QAM | 25 | 25 | 17.36 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.27 | 17.49 | 17.38 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.17 | 22.43 | 22.33 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.18 | 22.15 | 22.16 | | |
| 5 | QPSK | 1 | 24 | 22.11 | 22.25 | 22.21 | | |
| 5 | QPSK | 12 | 0 | 21.38 | 21.41 | 21.32 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.37 | 21.26 | 21.40 | | |
| 5 | QPSK | 12 | 13 | 21.29 | 21.30 | 21.24 | | |
| 5 | QPSK | 25 | 0 | 21.26 | 21.43 | 21.34 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.54 | 21.77 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.50 | 21.85 | 21.75 | | |
| 5 | 16QAM | 1 | 24 | 21.88 | 21.58 | 21.58 | | |
| 5 | 16QAM | 12 | 0 | 20.41 | 20.22 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.34 | 20.36 | 20.33 | | |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.26 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.30 | 20.36 | | |
| 5 | 64QAM | 1 | 0 | 20.36 | 20.36 | 20.44 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.62 | 20.35 | 20.25 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.33 | 20.20 | | |
| 5 | 64QAM | 12 | 0 | 19.39 | 19.44 | 19.30 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.49 | 19.26 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.37 | 19.36 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.30 | 19.29 | 19.34 | | |
| 5 | 256QAM | 1 | 0 | 17.47 | 17.52 | 17.45 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.54 | 17.51 | 17.50 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.65 | 17.61 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.44 | 17.36 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.45 | 17.40 | 17.39 | | |
| 5 | 256QAM | 12 | 13 | 17.45 | 17.48 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.29 | 17.39 | 17.40 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.39 | 22.35 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.21 | 22.15 | | |
| 3 | QPSK | 1 | 14 | 22.20 | 22.16 | 22.09 | | |
| 3 | QPSK | 8 | 0 | 21.32 | 21.48 | 21.46 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.29 | 21.24 | 21.40 | | |
| 3 | QPSK | 8 | 7 | 21.35 | 21.35 | 21.24 | | |
| 3 | QPSK | 15 | 0 | 21.32 | 21.32 | 21.32 | | |
| 3 | 16QAM | 1 | 0 | 21.67 | 21.64 | 21.79 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.57 | 21.71 | 21.75 | | |
| 3 | 16QAM | 1 | 14 | 21.97 | 21.56 | 21.62 | | |
| 3 | 16QAM | 8 | 0 | 20.36 | 20.23 | 20.26 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.40 | 20.26 | 20.39 | | |
| 3 | 16QAM | 8 | 7 | 20.44 | 20.30 | 20.29 | | |
| 3 | 16QAM | 15 | 0 | 20.42 | 20.30 | 20.29 | | |
| 3 | 64QAM | 1 | 0 | 20.38 | 20.35 | 20.43 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.32 | 20.14 | | |
| 3 | 64QAM | 1 | 14 | 20.51 | 20.46 | 20.12 | | |
| 3 | 64QAM | 8 | 0 | 19.46 | 19.33 | 19.36 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.50 | 19.24 | 19.43 | | |
| 3 | 64QAM | 8 | 7 | 19.48 | 19.39 | 19.26 | | |
| 3 | 64QAM | 15 | 0 | 19.38 | 19.21 | 19.23 | | |
| 3 | 256QAM | 1 | 0 | 17.48 | 17.57 | 17.44 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.48 | 17.50 | 17.57 | | |
| 3 | 256QAM | 1 | 14 | 17.54 | 17.62 | 17.58 | | |
| 3 | 256QAM | 8 | 0 | 17.35 | 17.39 | 17.38 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.39 | 17.45 | 17.33 | | |
| 3 | 256QAM | 8 | 7 | 17.42 | 17.53 | 17.41 | | |
| 3 | 256QAM | 15 | 0 | 17.27 | 17.46 | 17.35 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.20 | 22.35 | 22.33 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.15 | 22.25 | 22.17 | | |
| 1.4 | QPSK | 1 | 5 | 22.16 | 22.26 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.03 | 22.18 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.06 | 22.01 | 22.02 | | |
| 1.4 | QPSK | 3 | 3 | 22.02 | 22.03 | 22.03 | | |
| 1.4 | QPSK | 6 | 0 | 21.29 | 21.43 | 21.26 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.64 | 21.52 | 21.85 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.60 | 21.73 | 21.83 | | |
| 1.4 | 16QAM | 1 | 5 | 21.98 | 21.64 | 21.63 | | |
| 1.4 | 16QAM | 3 | 0 | 21.47 | 21.30 | 21.15 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.22 | 21.33 | | |
| 1.4 | 16QAM | 3 | 3 | 21.42 | 21.23 | 21.35 | | |
| 1.4 | 16QAM | 6 | 0 | 20.42 | 20.38 | 20.32 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.44 | 20.31 | 20.46 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.62 | 20.40 | 20.20 | | |
| 1.4 | 64QAM | 1 | 5 | 20.40 | 20.36 | 20.10 | | |
| 1.4 | 64QAM | 3 | 0 | 20.46 | 20.38 | 20.37 | | |
| 1.4 | 64QAM | 3 | 1 | 20.52 | 20.36 | 20.39 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.40 | 20.29 | | |
| 1.4 | 64QAM | 6 | 0 | 19.36 | 19.23 | 19.33 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.47 | 17.53 | 17.49 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.48 | 17.51 | 17.57 | | |
| 1.4 | 256QAM | 1 | 5 | 17.53 | 17.64 | 17.62 | | |
| 1.4 | 256QAM | 3 | 0 | 17.33 | 17.41 | 17.34 | | |
| 1.4 | 256QAM | 3 | 1 | 17.40 | 17.43 | 17.31 | | |
| 1.4 | 256QAM | 3 | 3 | 17.45 | 17.51 | 17.46 | | |
| 1.4 | 256QAM | 6 | 0 | 17.30 | 17.47 | 17.42 | 19 | 5 |

## Band 26_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 20.73 | 20.75 | 20.72 | 22.2 | 0 |
| 15 | QPSK | 1 | 37 | 20.61 | 20.67 | 20.61 | | |
| 15 | QPSK | 1 | 74 | 20.69 | 20.72 | 20.68 | | |
| 15 | QPSK | 36 | 0 | 20.67 | 20.73 | 20.65 | 22.2 | 0 |
| 15 | QPSK | 36 | 20 | 20.65 | 20.68 | 20.62 | | |
| 15 | QPSK | 36 | 39 | 20.62 | 20.70 | 20.64 | | |
| 15 | QPSK | 75 | 0 | 20.67 | 20.72 | 20.68 | | |
| 15 | 16QAM | 1 | 0 | 20.23 | 20.28 | 20.24 | 22.2 | 0 |
| 15 | 16QAM | 1 | 37 | 20.22 | 20.29 | 20.23 | | |
| 15 | 16QAM | 1 | 74 | 20.22 | 20.32 | 20.23 | | |
| 15 | 16QAM | 36 | 0 | 20.20 | 20.25 | 20.27 | 22 | 0.2 |
| 15 | 16QAM | 36 | 20 | 20.31 | 20.32 | 20.23 | | |
| 15 | 16QAM | 36 | 39 | 20.32 | 20.29 | 20.28 | | |
| 15 | 16QAM | 75 | 0 | 20.23 | 20.31 | 20.21 | | |
| 15 | 64QAM | 1 | 0 | 20.27 | 20.31 | 20.22 | 22 | 0.2 |
| 15 | 64QAM | 1 | 37 | 20.27 | 20.25 | 20.28 | | |
| 15 | 64QAM | 1 | 74 | 20.25 | 20.28 | 20.25 | | |
| 15 | 64QAM | 36 | 0 | 19.26 | 19.32 | 19.25 | 21 | 1.2 |
| 15 | 64QAM | 36 | 20 | 19.31 | 19.41 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.21 | 19.25 | 19.27 | | |
| 15 | 64QAM | 75 | 0 | 19.27 | 19.33 | 19.23 | | |
| 15 | 256QAM | 1 | 0 | 17.25 | 17.30 | 17.20 | 19 | 3.2 |
| 15 | 256QAM | 1 | 37 | 17.29 | 17.22 | 17.25 | | |
| 15 | 256QAM | 1 | 74 | 17.23 | 17.38 | 17.21 | | |
| 15 | 256QAM | 36 | 0 | 17.32 | 17.36 | 17.31 | 19 | 3.2 |
| 15 | 256QAM | 36 | 20 | 17.32 | 17.40 | 17.23 | | |
| 15 | 256QAM | 36 | 39 | 17.30 | 17.26 | 17.30 | | |
| 15 | 256QAM | 75 | 0 | 17.26 | 17.36 | 17.27 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 20.24 | 20.25 | 20.27 | 22.2 | 0 |
| 10 | QPSK | 1 | 25 | 20.28 | 20.27 | 20.26 | | |
| 10 | QPSK | 1 | 49 | 20.26 | 20.31 | 20.27 | | |
| 10 | QPSK | 25 | 0 | 20.21 | 20.34 | 20.21 | 22.2 | 0 |
| 10 | QPSK | 25 | 12 | 20.21 | 20.20 | 20.21 | | |
| 10 | QPSK | 25 | 25 | 20.20 | 20.29 | 20.25 | | |
| 10 | QPSK | 50 | 0 | 20.28 | 20.24 | 20.20 | | |
| 10 | 16QAM | 1 | 0 | 20.28 | 20.24 | 20.21 | 22.2 | 0 |
| 10 | 16QAM | 1 | 25 | 20.25 | 20.27 | 20.27 | | |
| 10 | 16QAM | 1 | 49 | 20.26 | 20.31 | 20.29 | | |
| 10 | 16QAM | 25 | 0 | 20.12 | 20.24 | 20.21 | 22 | 0.2 |
| 10 | 16QAM | 25 | 12 | 20.21 | 20.21 | 20.22 | | |
| 10 | 16QAM | 25 | 25 | 20.21 | 20.34 | 20.18 | | |
| 10 | 16QAM | 50 | 0 | 20.20 | 20.22 | 20.10 | | |
| 10 | 64QAM | 1 | 0 | 20.15 | 20.31 | 20.07 | 22 | 0.2 |
| 10 | 64QAM | 1 | 25 | 20.26 | 20.27 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 20.18 | 20.26 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.24 | 19.28 | 19.18 | 21 | 1.2 |
| 10 | 64QAM | 25 | 12 | 19.19 | 19.39 | 19.27 | | |
| 10 | 64QAM | 25 | 25 | 19.06 | 19.21 | 19.26 | | |
| 10 | 64QAM | 50 | 0 | 19.24 | 19.20 | 19.10 | | |
| 10 | 256QAM | 1 | 0 | 17.23 | 17.16 | 17.19 | 19 | 3.2 |
| 10 | 256QAM | 1 | 25 | 17.27 | 17.14 | 17.14 | | |
| 10 | 256QAM | 1 | 49 | 17.18 | 17.25 | 17.12 | | |
| 10 | 256QAM | 25 | 0 | 17.21 | 17.25 | 17.20 | 19 | 3.2 |
| 10 | 256QAM | 25 | 12 | 17.21 | 17.37 | 17.22 | | |
| 10 | 256QAM | 25 | 25 | 17.19 | 17.12 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.30 | 17.12 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 20.21 | 20.26 | 20.25 | 22.2 | 0 |
| 5 | QPSK | 1 | 12 | 20.21 | 20.26 | 20.27 | | |
| 5 | QPSK | 1 | 24 | 20.24 | 20.24 | 20.27 | | |
| 5 | QPSK | 12 | 0 | 20.27 | 20.23 | 20.21 | 22.2 | 0 |
| 5 | QPSK | 12 | 7 | 20.23 | 20.25 | 20.23 | | |
| 5 | QPSK | 12 | 13 | 20.29 | 20.28 | 20.28 | | |
| 5 | QPSK | 25 | 0 | 20.24 | 20.26 | 20.26 | | |
| 5 | 16QAM | 1 | 0 | 20.29 | 20.23 | 20.21 | 22.2 | 0 |
| 5 | 16QAM | 1 | 12 | 20.21 | 20.21 | 20.23 | | |
| 5 | 16QAM | 1 | 24 | 20.24 | 20.23 | 20.21 | | |
| 5 | 16QAM | 12 | 0 | 20.18 | 20.18 | 20.14 | 22 | 0.2 |
| 5 | 16QAM | 12 | 7 | 20.19 | 20.21 | 20.18 | | |
| 5 | 16QAM | 12 | 13 | 20.23 | 20.24 | 20.20 | | |
| 5 | 16QAM | 25 | 0 | 20.16 | 20.28 | 20.19 | | |
| 5 | 64QAM | 1 | 0 | 20.15 | 20.26 | 20.15 | 22 | 0.2 |
| 5 | 64QAM | 1 | 12 | 20.23 | 20.21 | 20.20 | | |
| 5 | 64QAM | 1 | 24 | 20.18 | 20.29 | 20.13 | | |
| 5 | 64QAM | 12 | 0 | 19.11 | 19.17 | 19.16 | 21 | 1.2 |
| 5 | 64QAM | 12 | 7 | 19.22 | 19.28 | 19.29 | | |
| 5 | 64QAM | 12 | 13 | 19.14 | 19.18 | 19.14 | | |
| 5 | 64QAM | 25 | 0 | 19.20 | 19.23 | 19.09 | | |
| 5 | 256QAM | 1 | 0 | 17.22 | 17.27 | 17.08 | 19 | 3.2 |
| 5 | 256QAM | 1 | 12 | 17.22 | 17.15 | 17.20 | | |
| 5 | 256QAM | 1 | 24 | 17.11 | 17.35 | 17.16 | | |
| 5 | 256QAM | 12 | 0 | 17.24 | 17.28 | 17.21 | 19 | 3.2 |
| 5 | 256QAM | 12 | 7 | 17.31 | 17.28 | 17.14 | | |
| 5 | 256QAM | 12 | 13 | 17.21 | 17.12 | 17.25 | | |
| 5 | 256QAM | 25 | 0 | 17.16 | 17.24 | 17.19 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 20.25 | 20.31 | 20.24 | 22.2 | 0 |
| 3 | QPSK | 1 | 8 | 20.20 | 20.23 | 20.28 | | |
| 3 | QPSK | 1 | 14 | 20.23 | 20.28 | 20.23 | | |
| 3 | QPSK | 8 | 0 | 20.25 | 20.21 | 20.26 | 22.2 | 0 |
| 3 | QPSK | 8 | 4 | 20.29 | 20.22 | 20.20 | | |
| 3 | QPSK | 8 | 7 | 20.20 | 20.23 | 20.26 | | |
| 3 | QPSK | 15 | 0 | 20.23 | 20.24 | 20.26 | | |
| 3 | 16QAM | 1 | 0 | 20.28 | 20.21 | 20.29 | 22.2 | 0 |
| 3 | 16QAM | 1 | 8 | 20.27 | 20.24 | 20.24 | | |
| 3 | 16QAM | 1 | 14 | 20.24 | 20.27 | 20.22 | | |
| 3 | 16QAM | 8 | 0 | 20.08 | 20.21 | 20.25 | 22 | 0.2 |
| 3 | 16QAM | 8 | 4 | 20.29 | 20.17 | 20.21 | | |
| 3 | 16QAM | 8 | 7 | 20.28 | 20.29 | 20.15 | | |
| 3 | 16QAM | 15 | 0 | 20.10 | 20.25 | 20.10 | | |
| 3 | 64QAM | 1 | 0 | 20.25 | 20.32 | 20.13 | 22 | 0.2 |
| 3 | 64QAM | 1 | 8 | 20.24 | 20.26 | 20.23 | | |
| 3 | 64QAM | 1 | 14 | 20.24 | 20.34 | 20.17 | | |
| 3 | 64QAM | 8 | 0 | 19.20 | 19.19 | 19.14 | 21 | 1.2 |
| 3 | 64QAM | 8 | 4 | 19.19 | 19.33 | 19.24 | | |
| 3 | 64QAM | 8 | 7 | 19.13 | 19.20 | 19.18 | | |
| 3 | 64QAM | 15 | 0 | 19.14 | 19.21 | 19.18 | | |
| 3 | 256QAM | 1 | 0 | 17.21 | 17.22 | 17.07 | 19 | 3.2 |
| 3 | 256QAM | 1 | 8 | 17.22 | 17.13 | 17.15 | | |
| 3 | 256QAM | 1 | 14 | 17.21 | 17.23 | 17.12 | | |
| 3 | 256QAM | 8 | 0 | 17.29 | 17.28 | 17.27 | 19 | 3.2 |
| 3 | 256QAM | 8 | 4 | 17.26 | 17.29 | 17.17 | | |
| 3 | 256QAM | 8 | 7 | 17.28 | 17.12 | 17.16 | | |
| 3 | 256QAM | 15 | 0 | 17.11 | 17.30 | 17.15 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.26 | 20.24 | 20.21 | 22.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.23 | 20.27 | 20.21 | | |
| 1.4 | QPSK | 1 | 5 | 20.21 | 20.31 | 20.25 | | |
| 1.4 | QPSK | 3 | 0 | 20.29 | 20.31 | 20.28 | | |
| 1.4 | QPSK | 3 | 1 | 20.28 | 20.24 | 20.24 | | |
| 1.4 | QPSK | 3 | 3 | 20.28 | 20.24 | 20.27 | | |
| 1.4 | QPSK | 6 | 0 | 20.25 | 20.23 | 20.23 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.26 | 20.23 | 20.27 | 22.2 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.21 | 20.29 | 20.23 | | |
| 1.4 | 16QAM | 1 | 5 | 20.23 | 20.33 | 20.26 | | |
| 1.4 | 16QAM | 3 | 0 | 20.29 | 20.33 | 20.23 | | |
| 1.4 | 16QAM | 3 | 1 | 20.29 | 20.31 | 20.25 | | |
| 1.4 | 16QAM | 3 | 3 | 20.29 | 20.27 | 20.25 | | |
| 1.4 | 16QAM | 6 | 0 | 20.04 | 20.15 | 20.09 | 22 | 0.2 |
| 1.4 | 64QAM | 1 | 0 | 20.03 | 20.18 | 20.07 | 22 | 0.2 |
| 1.4 | 64QAM | 1 | 3 | 20.02 | 20.26 | 20.03 | | |
| 1.4 | 64QAM | 1 | 5 | 20.01 | 20.14 | 20.11 | | |
| 1.4 | 64QAM | 3 | 0 | 20.12 | 20.22 | 20.00 | | |
| 1.4 | 64QAM | 3 | 1 | 20.08 | 20.21 | 20.09 | | |
| 1.4 | 64QAM | 3 | 3 | 20.06 | 20.21 | 20.08 | | |
| 1.4 | 64QAM | 6 | 0 | 19.07 | 19.15 | 19.01 | 21 | 1.2 |
| 1.4 | 256QAM | 1 | 0 | 17.18 | 17.26 | 17.09 | 19 | 3.2 |
| 1.4 | 256QAM | 1 | 3 | 17.16 | 17.13 | 17.14 | | |
| 1.4 | 256QAM | 1 | 5 | 17.12 | 17.33 | 17.09 | | |
| 1.4 | 256QAM | 3 | 0 | 17.18 | 17.28 | 17.24 | | |
| 1.4 | 256QAM | 3 | 1 | 17.20 | 17.32 | 17.20 | | |
| 1.4 | 256QAM | 3 | 3 | 17.29 | 17.15 | 17.23 | | |
| 1.4 | 256QAM | 6 | 0 | 17.23 | 17.21 | 17.21 | 19 | 3.2 |

## Band 66_Ant 0

| 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 | 22.39 | 22.59 | 22.52 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.23 | 22.50 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.58 | 21.52 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.28 | 21.42 | 21.48 | | |
| 20 | QPSK | 50 | 50 | 21.29 | 21.42 | 21.43 | | |
| 20 | QPSK | 100 | 0 | 21.38 | 21.48 | 21.42 | | |
| 20 | 16QAM | 1 | 0 | 21.42 | 21.52 | 21.60 | | |
| 20 | 16QAM | 1 | 49 | 21.48 | 21.38 | 21.58 | 23 | 1 |
| 20 | 16QAM | 1 | 99 | 21.46 | 21.42 | 21.85 | | |
| 20 | 16QAM | 50 | 0 | 20.34 | 20.47 | 20.38 | | |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.41 | 20.48 | 22 | 2 |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.53 | 20.40 | | |
| 20 | 16QAM | 100 | 0 | 20.26 | 20.44 | 20.45 | | |
| 20 | 64QAM | 1 | 0 | 20.41 | 20.72 | 20.88 | | |
| 20 | 64QAM | 1 | 49 | 20.61 | 20.66 | 20.91 | 22 | 2 |
| 20 | 64QAM | 1 | 99 | 20.61 | 20.68 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.26 | 19.49 | 19.51 | | |
| 20 | 64QAM | 50 | 24 | 19.50 | 19.44 | 19.54 | 21 | 3 |
| 20 | 64QAM | 50 | 50 | 19.29 | 19.49 | 19.45 | | |
| 20 | 64QAM | 100 | 0 | 19.29 | 19.44 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.38 | 17.29 | 17.35 | | |
| 20 | 256QAM | 1 | 49 | 17.25 | 17.33 | 17.45 | 19 | 5 |
| 20 | 256QAM | 1 | 99 | 17.20 | 17.28 | 17.28 | | |
| 20 | 256QAM | 50 | 0 | 17.32 | 17.32 | 17.44 | | |
| 20 | 256QAM | 50 | 24 | 17.48 | 17.34 | 17.46 | 19 | 5 |
| 20 | 256QAM | 50 | 50 | 17.37 | 17.29 | 17.37 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.24 | 17.24 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.31 | 22.53 | 22.42 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.42 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.28 | 22.10 | | |
| 15 | QPSK | 36 | 0 | 21.45 | 21.62 | 21.47 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.33 | 21.43 | 21.51 | | |
| 15 | QPSK | 36 | 39 | 21.27 | 21.38 | 21.40 | | |
| 15 | QPSK | 75 | 0 | 21.29 | 21.47 | 21.36 | | |
| 15 | 16QAM | 1 | 0 | 21.41 | 21.42 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.42 | 21.35 | 21.56 | | |
| 15 | 16QAM | 1 | 74 | 21.36 | 21.36 | 21.64 | | |
| 15 | 16QAM | 36 | 0 | 20.31 | 20.39 | 20.28 | | |
| 15 | 16QAM | 36 | 20 | 20.35 | 20.41 | 20.46 | 22 | 2 |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.47 | 20.37 | | |
| 15 | 16QAM | 75 | 0 | 20.28 | 20.38 | 20.45 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.64 | 20.88 | | |
| 15 | 64QAM | 1 | 37 | 20.63 | 20.65 | 20.82 | 22 | 2 |
| 15 | 64QAM | 1 | 74 | 20.54 | 20.66 | 20.68 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.42 | 19.43 | | |
| 15 | 64QAM | 36 | 20 | 19.42 | 19.47 | 19.52 | 21 | 3 |
| 15 | 64QAM | 36 | 39 | 19.24 | 19.41 | 19.48 | | |
| 15 | 64QAM | 75 | 0 | 19.25 | 19.43 | 19.46 | | |
| 15 | 256QAM | 1 | 0 | 17.28 | 17.20 | 17.25 | | |
| 15 | 256QAM | 1 | 37 | 17.16 | 17.30 | 17.39 | 19 | 5 |
| 15 | 256QAM | 1 | 74 | 17.12 | 17.22 | 17.27 | | |
| 15 | 256QAM | 36 | 0 | 17.26 | 17.23 | 17.39 | | |
| 15 | 256QAM | 36 | 20 | 17.39 | 17.38 | 17.41 | 19 | 5 |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.25 | 17.42 | | |
| 15 | 256QAM | 75 | 0 | 17.14 | 17.16 | 17.16 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.58 | 22.47 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.17 | 22.42 | 22.35 | | |
| 10 | QPSK | 1 | 49 | 22.25 | 22.31 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.31 | 21.58 | 21.49 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.29 | 21.46 | 21.47 | | |
| 10 | QPSK | 25 | 25 | 21.26 | 21.39 | 21.47 | | |
| 10 | QPSK | 50 | 0 | 21.38 | 21.47 | 21.37 | | |
| 10 | 16QAM | 1 | 0 | 21.34 | 21.53 | 21.57 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.41 | 21.33 | 21.50 | | |
| 10 | 16QAM | 1 | 49 | 21.51 | 21.44 | 21.87 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.51 | 20.33 | | |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.35 | 20.42 | 22 | 2 |
| 10 | 16QAM | 25 | 25 | 20.40 | 20.47 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.20 | 20.46 | 20.37 | | |
| 10 | 64QAM | 1 | 0 | 20.43 | 20.74 | 20.89 | | |
| 10 | 64QAM | 1 | 25 | 20.59 | 20.60 | 20.94 | 22 | 2 |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.67 | | |
| 10 | 64QAM | 25 | 0 | 19.24 | 19.39 | 19.52 | | |
| 10 | 64QAM | 25 | 12 | 19.51 | 19.43 | 19.57 | 21 | 3 |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.45 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.25 | 19.49 | 19.41 | | |
| 10 | 256QAM | 1 | 0 | 17.35 | 17.27 | 17.26 | | |
| 10 | 256QAM | 1 | 25 | 17.30 | 17.35 | 17.35 | 19 | 5 |
| 10 | 256QAM | 1 | 49 | 17.19 | 17.31 | 17.29 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.23 | 17.34 | | |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.25 | 17.53 | 19 | 5 |
| 10 | 256QAM | 25 | 25 | 17.37 | 17.22 | 17.41 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.23 | 17.22 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.36 | 22.53 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.20 | 22.54 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.27 | 22.21 | | |
| 5 | QPSK | 12 | 0 | 21.30 | 21.51 | 21.53 | | |
| 5 | QPSK | 12 | 7 | 21.30 | 21.39 | 21.53 | 23 | 1 |
| 5 | QPSK | 12 | 13 | 21.23 | 21.42 | 21.48 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.36 | 21.44 | | |
| 5 | 16QAM | 1 | 0 | 21.40 | 21.57 | 21.58 | | |
| 5 | 16QAM | 1 | 12 | 21.42 | 21.39 | 21.49 | 23 | 1 |
| 5 | 16QAM | 1 | 24 | 21.41 | 21.44 | 21.87 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.47 | 20.40 | | |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.46 | 20.43 | 22 | 2 |
| 5 | 16QAM | 12 | 13 | 20.31 | 20.52 | 20.44 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.41 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.36 | 20.75 | 20.93 | | |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.60 | 20.82 | 22 | 2 |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.99 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.44 | 19.47 | | |
| 5 | 64QAM | 12 | 7 | 19.52 | 19.44 | 19.57 | 21 | 3 |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.51 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.22 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.39 | 17.28 | 17.32 | | |
| 5 | 256QAM | 1 | 12 | 17.24 | 17.34 | 17.48 | 19 | 5 |
| 5 | 256QAM | 1 | 24 | 17.14 | 17.20 | 17.23 | | |
| 5 | 256QAM | 12 | 0 | 17.30 | 17.36 | 17.41 | | |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.25 | 17.41 | 19 | 5 |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.33 | 17.37 | | |
| 5 | 256QAM | 25 | 0 | 17.14 | 17.14 | 17.22 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.49 | 22.52 | | |
| 3 | QPSK | 1 | 8 | 22.21 | 22.51 | 22.37 | 24 | 0 |
| 3 | QPSK | 1 | 14 | 22.22 | 22.29 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.30 | 21.50 | 21.50 | | |
| 3 | QPSK | 8 | 4 | 21.29 | 21.39 | 21.39 | 23 | 1 |
| 3 | QPSK | 8 | 7 | 21.20 | 21.38 | 21.34 | | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.43 | 21.33 | | |
| 3 | 16QAM | 1 | 0 | 21.40 | 21.48 | 21.57 | | |
| 3 | 16QAM | 1 | 8 | 21.42 | 21.36 | 21.57 | 23 | 1 |
| 3 | 16QAM | 1 | 14 | 21.49 | 21.33 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.28 | 20.43 | 20.29 | | |
| 3 | 16QAM | 8 | 4 | 20.24 | 20.42 | 20.38 | 22 | 2 |
| 3 | 16QAM | 8 | 7 | 20.32 | 20.52 | 20.42 | | |
| 3 | 16QAM | 15 | 0 | 20.30 | 20.39 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.34 | 20.71 | 20.85 | | |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.60 | 20.96 | 22 | 2 |
| 3 | 64QAM | 1 | 14 | 20.66 | 20.62 | 20.70 | | |
| 3 | 64QAM | 8 | 0 | 19.28 | 19.52 | 19.50 | | |
| 3 | 64QAM | 8 | 4 | 19.42 | 19.45 | 19.52 | 21 | 3 |
| 3 | 64QAM | 8 | 7 | 19.34 | 19.49 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.40 | 19.42 | | |
| 3 | 256QAM | 1 | 0 | 17.28 | 17.34 | 17.27 | | |
| 3 | 256QAM | 1 | 8 | 17.27 | 17.31 | 17.38 | 19 | 5 |
| 3 | 256QAM | 1 | 14 | 17.22 | 17.20 | 17.31 | | |
| 3 | 256QAM | 8 | 0 | 17.25 | 17.35 | 17.43 | | |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.37 | 17.46 | 19 | 5 |
| 3 | 256QAM | 8 | 7 | 17.36 | 17.34 | 17.42 | | |
| 3 | 256QAM | 15 | 0 | 17.05 | 17.17 | 17.21 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.38 | 22.54 | 22.56 | | |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.50 | 22.38 | 24 | 0 |
| 1.4 | QPSK | 1 | 5 | 22.33 | 22.25 | 22.16 | | |
| 1.4 | QPSK | 3 | 0 | 22.15 | 22.35 | 22.23 | | |
| 1.4 | QPSK | 3 | 1 | 22.07 | 22.16 | 22.23 | | |
| 1.4 | QPSK | 3 | 3 | 22.14 | 22.12 | 22.18 | | |
| 1.4 | QPSK | 6 | 0 | 21.39 | 21.42 | 21.32 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.53 | 21.60 | | |
| 1.4 | 16QAM | 1 | 3 | 21.44 | 21.39 | 21.60 | | |
| 1.4 | 16QAM | 1 | 5 | 21.42 | 21.43 | 21.76 | 23 | 1 |
| 1.4 | 16QAM | 3 | 0 | 21.38 | 21.45 | 21.39 | | |
| 1.4 | 16QAM | 3 | 1 | 21.36 | 21.40 | 21.46 | | |
| 1.4 | 16QAM | 3 | 3 | 21.36 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 6 | 0 | 20.19 | 20.44 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.46 | 20.65 | 20.93 | | |
| 1.4 | 64QAM | 1 | 3 | 20.52 | 20.68 | 20.88 | | |
| 1.4 | 64QAM | 1 | 5 | 20.59 | 20.63 | 20.64 | 22 | 2 |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.50 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.47 | 20.42 | 20.54 | | |
| 1.4 | 64QAM | 3 | 3 | 20.30 | 20.51 | 20.37 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.34 | 19.47 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.34 | 17.32 | 17.35 | | |
| 1.4 | 256QAM | 1 | 3 | 17.24 | 17.31 | 17.49 | | |
| 1.4 | 256QAM | 1 | 5 | 17.17 | 17.30 | 17.19 | 19 | 5 |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.29 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.38 | 17.38 | 17.45 | | |
| 1.4 | 256QAM | 3 | 3 | 17.38 | 17.28 | 17.35 | | |
| 1.4 | 256QAM | 6 | 0 | 17.18 | 17.17 | 17.26 | 19 | 5 |

## Band 66_Ant 4

| 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 | 16.56 | 16.67 | 16.61 | | |
| 20 | QPSK | 1 | 49 | 16.53 | 16.47 | 16.56 | 18 | 0 |
| 20 | QPSK | 1 | 99 | 16.48 | 16.51 | 16.55 | | |
| 20 | QPSK | 50 | 0 | 16.52 | 16.61 | 16.56 | | |
| 20 | QPSK | 50 | 24 | 16.50 | 16.54 | 16.43 | 18 | 0 |
| 20 | QPSK | 50 | 50 | 16.50 | 16.48 | 16.53 | | |
| 20 | QPSK | 100 | 0 | 16.54 | 16.57 | 16.55 | | |
| 20 | 16QAM | 1 | 0 | 16.57 | 16.48 | 16.55 | | |
| 20 | 16QAM | 1 | 49 | 16.61 | 16.50 | 16.58 | 18 | 0 |
| 20 | 16QAM | 1 | 99 | 16.54 | 16.47 | 16.44 | | |
| 20 | 16QAM | 50 | 0 | 16.46 | 16.49 | 16.47 | | |
| 20 | 16QAM | 50 | 24 | 16.49 | 16.46 | 16.54 | 18 | 0 |
| 20 | 16QAM | 50 | 50 | 16.47 | 16.50 | 16.51 | | |
| 20 | 16QAM | 100 | 0 | 16.56 | 16.47 | 16.44 | | |
| 20 | 64QAM | 1 | 0 | 16.52 | 16.53 | 16.58 | | |
| 20 | 64QAM | 1 | 49 | 16.59 | 16.61 | 16.48 | 18 | 0 |
| 20 | 64QAM | 1 | 99 | 16.50 | 16.62 | 16.47 | | |
| 20 | 64QAM | 50 | 0 | 16.49 | 16.51 | 16.60 | | |
| 20 | 64QAM | 50 | 24 | 16.61 | 16.51 | 16.58 | 18 | 0 |
| 20 | 64QAM | 50 | 50 | 16.50 | 16.46 | 16.48 | | |
| 20 | 64QAM | 100 | 0 | 16.51 | 16.56 | 16.52 | | |
| 20 | 256QAM | 1 | 0 | 16.48 | 16.50 | 16.56 | | |
| 20 | 256QAM | 1 | 49 | 16.56 | 16.56 | 16.42 | 18 | 0 |
| 20 | 256QAM | 1 | 99 | 16.43 | 16.51 | 16.56 | | |
| 20 | 256QAM | 50 | 0 | 16.55 | 16.49 | 16.56 | | |
| 20 | 256QAM | 50 | 24 | 16.47 | 16.51 | 16.43 | 18 | 0 |
| 20 | 256QAM | 50 | 50 | 16.48 | 16.51 | 16.42 | | |
| 20 | 256QAM | 100 | 0 | 16.45 | 16.53 | 16.59 | | |
| Channel | | | | 131979 | 132322 | 132587 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 16.52 | 16.58 | 16.52 | | |
| 15 | QPSK | 1 | 37 | 16.58 | 16.48 | 16.58 | 18 | 0 |
| 15 | QPSK | 1 | 74 | 16.53 | 16.57 | 16.43 | | |
| 15 | QPSK | 36 | 0 | 16.55 | 16.46 | 16.56 | | |
| 15 | QPSK | 36 | 20 | 16.54 | 16.55 | 16.43 | 18 | 0 |
| 15 | QPSK | 36 | 39 | 16.52 | 16.46 | 16.53 | | |
| 15 | QPSK | 75 | 0 | 16.62 | 16.55 | 16.59 | | |
| 15 | 16QAM | 1 | 0 | 16.43 | 16.45 | 16.53 | | |
| 15 | 16QAM | 1 | 37 | 16.54 | 16.58 | 16.58 | 18 | 0 |
| 15 | 16QAM | 1 | 74 | 16.53 | 16.47 | 16.54 | | |
| 15 | 16QAM | 36 | 0 | 16.46 | 16.49 | 16.47 | | |
| 15 | 16QAM | 36 | 20 | 16.42 | 16.51 | 16.45 | 18 | 0 |
| 15 | 16QAM | 36 | 39 | 16.55 | 16.47 | 16.47 | | |
| 15 | 16QAM | 75 | 0 | 16.52 | 16.45 | 16.50 | | |
| 15 | 64QAM | 1 | 0 | 16.51 | 16.45 | 16.57 | | |
| 15 | 64QAM | 1 | 37 | 16.55 | 16.59 | 16.58 | 18 | 0 |
| 15 | 64QAM | 1 | 74 | 16.58 | 16.54 | 16.58 | | |
| 15 | 64QAM | 36 | 0 | 16.50 | 16.57 | 16.57 | | |
| 15 | 64QAM | 36 | 20 | 16.47 | 16.45 | 16.55 | 18 | 0 |
| 15 | 64QAM | 36 | 39 | 16.52 | 16.43 | 16.49 | | |
| 15 | 64QAM | 75 | 0 | 16.52 | 16.52 | 16.56 | | |
| 15 | 256QAM | 1 | 0 | 16.61 | 16.49 | 16.51 | | |
| 15 | 256QAM | 1 | 37 | 16.53 | 16.56 | 16.43 | 18 | 0 |
| 15 | 256QAM | 1 | 74 | 16.46 | 16.54 | 16.51 | | |
| 15 | 256QAM | 36 | 0 | 16.48 | 16.51 | 16.59 | | |
| 15 | 256QAM | 36 | 20 | 16.53 | 16.50 | 16.52 | 18 | 0 |
| 15 | 256QAM | 36 | 39 | 16.56 | 16.60 | 16.48 | | |
| 15 | 256QAM | 75 | 0 | 16.57 | 16.47 | 16.60 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 16.48 | 16.56 | 16.60 | | |
| 10 | QPSK | 1 | 25 | 16.60 | 16.55 | 16.58 | 18 | 0 |
| 10 | QPSK | 1 | 49 | 16.48 | 16.56 | 16.46 | | |
| 10 | QPSK | 25 | 0 | 16.59 | 16.55 | 16.61 | | |
| 10 | QPSK | 25 | 12 | 16.48 | 16.52 | 16.51 | 18 | 0 |
| 10 | QPSK | 25 | 25 | 16.46 | 16.42 | 16.54 | | |
| 10 | QPSK | 50 | 0 | 16.49 | 16.47 | 16.49 | | |
| 10 | 16QAM | 1 | 0 | 16.55 | 16.54 | 16.46 | | |
| 10 | 16QAM | 1 | 25 | 16.60 | 16.47 | 16.59 | 18 | 0 |
| 10 | 16QAM | 1 | 49 | 16.46 | 16.54 | 16.54 | | |
| 10 | 16QAM | 25 | 0 | 16.45 | 16.50 | 16.49 | | |
| 10 | 16QAM | 25 | 12 | 16.42 | 16.57 | 16.55 | 18 | 0 |
| 10 | 16QAM | 25 | 25 | 16.55 | 16.44 | 16.56 | | |
| 10 | 16QAM | 50 | 0 | 16.54 | 16.51 | 16.48 | | |
| 10 | 64QAM | 1 | 0 | 16.58 | 16.55 | 16.58 | | |
| 10 | 64QAM | 1 | 25 | 16.55 | 16.50 | 16.47 | 18 | 0 |
| 10 | 64QAM | 1 | 49 | 16.51 | 16.55 | 16.54 | | |
| 10 | 64QAM | 25 | 0 | 16.50 | 16.48 | 16.58 | | |
| 10 | 64QAM | 25 | 12 | 16.55 | 16.54 | 16.54 | 18 | 0 |
| 10 | 64QAM | 25 | 25 | 16.47 | 16.43 | 16.47 | | |
| 10 | 64QAM | 50 | 0 | 16.55 | 16.56 | 16.43 | | |
| 10 | 256QAM | 1 | 0 | 16.61 | 16.53 | 16.52 | | |
| 10 | 256QAM | 1 | 25 | 16.44 | 16.60 | 16.51 | 18 | 0 |
| 10 | 256QAM | 1 | 49 | 16.51 | 16.55 | 16.58 | | |
| 10 | 256QAM | 25 | 0 | 16.55 | 16.42 | 16.53 | | |
| 10 | 256QAM | 25 | 12 | 16.61 | 16.51 | 16.45 | 18 | 0 |
| 10 | 256QAM | 25 | 25 | 16.47 | 16.47 | 16.42 | | |
| 10 | 256QAM | 50 | 0 | 16.49 | 16.61 | 16.60 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 16.55 | 16.55 | 16.60 | | |
| 5 | QPSK | 1 | 12 | 16.57 | 16.50 | 16.57 | 18 | 0 |
| 5 | QPSK | 1 | 24 | 16.57 | 16.58 | 16.46 | | |
| 5 | QPSK | 12 | 0 | 16.52 | 16.56 | 16.57 | | |
| 5 | QPSK | 12 | 7 | 16.54 | 16.55 | 16.42 | 18 | 0 |
| 5 | QPSK | 12 | 13 | 16.51 | 16.42 | 16.59 | | |
| 5 | QPSK | 25 | 0 | 16.55 | 16.54 | 16.46 | | |
| 5 | 16QAM | 1 | 0 | 16.59 | 16.51 | 16.53 | | |
| 5 | 16QAM | 1 | 12 | 16.58 | 16.57 | 16.60 | 18 | 0 |
| 5 | 16QAM | 1 | 24 | 16.45 | 16.55 | 16.48 | | |
| 5 | 16QAM | 12 | 0 | 16.57 | 16.44 | 16.44 | | |
| 5 | 16QAM | 12 | 7 | 16.43 | 16.54 | 16.51 | 18 | 0 |
| 5 | 16QAM | 12 | 13 | 16.57 | 16.46 | 16.54 | | |
| 5 | 16QAM | 25 | 0 | 16.54 | 16.49 | 16.48 | | |
| 5 | 64QAM | 1 | 0 | 16.57 | 16.46 | 16.58 | | |
| 5 | 64QAM | 1 | 12 | 16.56 | 16.54 | 16.44 | 18 | 0 |
| 5 | 64QAM | 1 | 24 | 16.54 | 16.59 | 16.56 | | |
| 5 | 64QAM | 12 | 0 | 16.49 | 16.52 | 16.54 | | |
| 5 | 64QAM | 12 | 7 | 16.48 | 16.43 | 16.56 | 18 | 0 |
| 5 | 64QAM | 12 | 13 | 16.53 | 16.45 | 16.45 | | |
| 5 | 64QAM | 25 | 0 | 16.59 | 16.56 | 16.43 | | |
| 5 | 256QAM | 1 | 0 | 16.61 | 16.47 | 16.55 | | |
| 5 | 256QAM | 1 | 12 | 16.55 | 16.48 | 16.50 | 18 | 0 |
| 5 | 256QAM | 1 | 24 | 16.46 | 16.52 | 16.59 | | |
| 5 | 256QAM | 12 | 0 | 16.50 | 16.51 | 16.54 | | |
| 5 | 256QAM | 12 | 7 | 16.59 | 16.56 | 16.49 | 18 | 0 |
| 5 | 256QAM | 12 | 13 | 16.45 | 16.46 | 16.46 | | |
| 5 | 256QAM | 25 | 0 | 16.57 | 16.60 | 16.47 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 16.60 | 16.53 | 16.42 | | |
| 3 | QPSK | 1 | 8 | 16.45 | 16.62 | 16.43 | 18 | 0 |
| 3 | QPSK | 1 | 14 | 16.42 | 16.55 | 16.49 | | |
| 3 | QPSK | 8 | 0 | 16.48 | 16.48 | 16.44 | | |
| 3 | QPSK | 8 | 4 | 16.49 | 16.48 | 16.47 | 18 | 0 |
| 3 | QPSK | 8 | 7 | 16.51 | 16.53 | 16.46 | | |
| 3 | QPSK | 15 | 0 | 16.57 | 16.50 | 16.51 | | |
| 3 | 16QAM | 1 | 0 | 16.56 | 16.52 | 16.51 | | |
| 3 | 16QAM | 1 | 8 | 16.51 | 16.47 | 16.61 | 18 | 0 |
| 3 | 16QAM | 1 | 14 | 16.59 | 16.53 | 16.51 | | |
| 3 | 16QAM | 8 | 0 | 16.50 | 16.53 | 16.43 | | |
| 3 | 16QAM | 8 | 4 | 16.48 | 16.54 | 16.55 | 18 | 0 |
| 3 | 16QAM | 8 | 7 | 16.59 | 16.50 | 16.59 | | |
| 3 | 16QAM | 15 | 0 | 16.51 | 16.52 | 16.50 | | |
| 3 | 64QAM | 1 | 0 | 16.50 | 16.46 | 16.55 | | |
| 3 | 64QAM | 1 | 8 | 16.53 | 16.54 | 16.52 | 18 | 0 |
| 3 | 64QAM | 1 | 14 | 16.49 | 16.52 | 16.61 | | |
| 3 | 64QAM | 8 | 0 | 16.53 | 16.43 | 16.60 | | |
| 3 | 64QAM | 8 | 4 | 16.53 | 16.43 | 16.60 | 18 | 0 |
| 3 | 64QAM | 8 | 7 | 16.43 | 16.42 | 16.45 | | |
| 3 | 64QAM | 15 | 0 | 16.55 | 16.54 | 16.53 | | |
| 3 | 256QAM | 1 | 0 | 16.48 | 16.53 | 16.58 | | |
| 3 | 256QAM | 1 | 8 | 16.55 | 16.61 | 16.51 | 18 | 0 |
| 3 | 256QAM | 1 | 14 | 16.50 | 16.45 | 16.51 | | |
| 3 | 256QAM | 8 | 0 | 16.62 | 16.48 | 16.52 | | |
| 3 | 256QAM | 8 | 4 | 16.54 | 16.47 | 16.55 | 18 | 0 |
| 3 | 256QAM | 8 | 7 | 16.49 | 16.53 | 16.50 | | |
| 3 | 256QAM | 15 | 0 | 16.56 | 16.54 | 16.55 | | |
| Channel | | | | 131979.1 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.60 | 16.53 | 16.42 | | |
| 1.4 | QPSK | 1 | 3 | 16.45 | 16.62 | 16.43 | 18 | 0 |
| 1.4 | QPSK | 1 | 5 | 16.42 | 16.55 | 16.49 | | |
| 1.4 | QPSK | 3 | 0 | 16.48 | 16.48 | 16.44 | | |
| 1.4 | QPSK | 3 | 1 | 16.49 | 16.48 | 16.47 | | |
| 1.4 | QPSK | 3 | 3 | 16.51 | 16.53 | 16.46 | | |
| 1.4 | QPSK | 6 | 0 | 16.57 | 16.50 | 16.51 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.56 | 16.52 | 16.51 | | |
| 1.4 | 16QAM | 1 | 3 | 16.51 | 16.47 | 16.61 | 18 | 0 |
| 1.4 | 16QAM | 1 | 5 | 16.58 | 16.53 | 16.51 | | |
| 1.4 | 16QAM | 3 | 0 | 16.50 | 16.53 | 16.43 | | |
| 1.4 | 16QAM | 3 | 1 | 16.48 | 16.54 | 16.55 | | |
| 1.4 | 16QAM | 3 | 3 | 16.59 | 16.50 | 16.59 | | |
| 1.4 | 16QAM | 6 | 0 | 16.51 | 16.52 | 16.50 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.50 | 16.46 | 16.55 | | |
| 1.4 | 64QAM | 1 | 3 | 16.53 | 16.54 | 16.52 | | |
| 1.4 | 64QAM | 1 | 5 | 16.49 | 16.52 | 16.61 | 18 | 0 |
| 1.4 | 64QAM | 3 | 0 | 16.47 | 16.43 | 16.60 | | |
| 1.4 | 64QAM | 3 | 1 | 16.43 | 16.43 | 16.60 | | |
| 1.4 | 64QAM | 3 | 3 | 16.43 | 16.42 | 16.45 | | |
| 1.4 | 64QAM | 6 | 0 | 16.55 | 16.54 | 16.53 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.48 | 16.53 | 16.58 | | |
| 1.4 | 256QAM | 1 | 3 | 16.55 | 16.61 | 16.51 | 18 | 0 |
| 1.4 | 256QAM | 1 | 5 | 16.50 | 16.45 | 16.51 | | |
| 1.4 | 256QAM | 3 | 0 | 16.62 | 16.48 | 16.52 | | |
| 1.4 | 256QAM | 3 | 1 | 16.54 | 16.47 | 16.55 | 18 | 0 |
| 1.4 | 256QAM | 3 | 3 | 16.49 | 16.53 | 16.50 | | |
| 1.4 | 256QAM | 6 | 0 | 16.56 | 16.54 | 16.55 | 18 | 0 |

## Band 38_Ant 1(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 | 22.52 | 22.59 | 22.45 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.43 | 22.42 | | |
| 20 | QPSK | 1 | 99 | 22.46 | 22.46 | 22.38 | | |
| 20 | QPSK | 50 | 0 | 21.27 | 21.34 | 21.19 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.15 | 21.25 | 21.17 | | |
| 20 | QPSK | 50 | 50 | 21.20 | 21.26 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.75 | 21.76 | 21.70 | | |
| 20 | 16QAM | 1 | 0 | 21.70 | 21.69 | 21.65 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.62 | 21.71 | 21.65 | | |
| 20 | 16QAM | 1 | 99 | 21.51 | 21.60 | 21.55 | | |
| 20 | 16QAM | 50 | 0 | 20.06 | 20.16 | 20.16 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.15 | 20.25 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.27 | 20.20 | | |
| 20 | 16QAM | 100 | 0 | 20.06 | 20.13 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.31 | 20.27 | 20.24 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.35 | 20.37 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.35 | 20.35 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.57 | 22.49 | 22.36 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.32 | 22.35 | 22.46 | | |
| 15 | QPSK | 1 | 74 | 22.40 | 22.48 | 22.37 | | |
| 15 | QPSK | 36 | 0 | 21.31 | 21.33 | 21.11 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.12 | 21.17 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.19 | 21.28 | 21.14 | | |
| 15 | QPSK | 75 | 0 | 21.66 | 21.78 | 21.68 | | |
| 15 | 16QAM | 1 | 0 | 21.64 | 21.62 | 21.70 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.53 | 21.64 | 21.67 | | |
| 15 | 16QAM | 1 | 74 | 21.50 | 21.58 | 21.57 | | |
| 15 | 16QAM | 36 | 0 | 20.10 | 20.17 | 20.15 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.07 | 20.18 | 20.19 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.29 | 20.20 | | |
| 15 | 16QAM | 75 | 0 | 20.07 | 20.10 | 20.15 | | |
| 15 | 64QAM | 1 | 0 | 20.35 | 20.24 | 20.16 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.40 | 20.30 | 20.28 | | |
| 15 | 64QAM | 1 | 74 | 20.33 | 20.32 | 20.39 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.54 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.36 | 22.45 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.39 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.32 | 21.17 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.14 | 21.22 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.18 | 21.20 | 21.17 | | |
| 10 | QPSK | 50 | 0 | 21.66 | 21.77 | 21.61 | | |
| 10 | 16QAM | 1 | 0 | 21.75 | 21.68 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.66 | 21.63 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.43 | 21.54 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.11 | 20.07 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.10 | 20.20 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.12 | 20.27 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.02 | 20.16 | 20.15 | | |
| 10 | 64QAM | 1 | 0 | 20.34 | 20.26 | 20.14 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.27 | 20.27 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.31 | 20.28 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.49 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.36 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.45 | 22.43 | 22.32 | | |
| 5 | QPSK | 12 | 0 | 21.20 | 21.34 | 21.19 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.19 | 21.26 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.19 | 21.24 | 21.20 | | |
| 5 | QPSK | 25 | 0 | 21.76 | 21.81 | 21.68 | | |
| 5 | 16QAM | 1 | 0 | 21.75 | 21.64 | 21.62 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.60 | 21.71 | 21.59 | | |
| 5 | 16QAM | 1 | 24 | 21.42 | 21.58 | 21.45 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.18 | 20.07 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.12 | 20.24 | 20.22 | | |
| 5 | 16QAM | 12 | 13 | 20.22 | 20.27 | 20.25 | | |
| 5 | 16QAM | 25 | 0 | 20.04 | 20.10 | 20.06 | | |
| 5 | 64QAM | 1 | 0 | 20.28 | 20.24 | 20.16 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.29 | 20.34 | 20.35 | | |
| 5 | 64QAM | 1 | 24 | 20.25 | 20.35 | 20.29 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 16.78 | 16.82 | 16.76 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.67 | 16.69 | 16.71 | | |
| 20 | QPSK | 1 | 99 | 16.72 | 16.80 | 16.73 | | |
| 20 | QPSK | 50 | 0 | 16.78 | 16.79 | 16.75 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.73 | 16.76 | 16.58 | | |
| 20 | QPSK | 50 | 50 | 16.65 | 16.70 | 16.69 | | |
| 20 | QPSK | 100 | 0 | 16.67 | 16.78 | 16.73 | | |
| 20 | 16QAM | 1 | 0 | 16.74 | 16.68 | 16.62 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.63 | 16.66 | 16.70 | | |
| 20 | 16QAM | 1 | 99 | 16.67 | 16.69 | 16.65 | | |
| 20 | 16QAM | 50 | 0 | 16.67 | 16.75 | 16.77 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.76 | 16.81 | 16.58 | | |
| 20 | 16QAM | 50 | 50 | 16.71 | 16.66 | 16.70 | | |
| 20 | 16QAM | 100 | 0 | 16.80 | 16.81 | 16.79 | | |
| 20 | 64QAM | 1 | 0 | 16.66 | 16.74 | 16.59 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.73 | 16.74 | 16.72 | | |
| 20 | 64QAM | 1 | 99 | 16.76 | 16.78 | 16.72 | | |
| 20 | 64QAM | 50 | 0 | 16.67 | 16.69 | 16.60 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.67 | 16.74 | 16.77 | | |
| 20 | 64QAM | 50 | 50 | 16.66 | 16.81 | 16.76 | | |
| 20 | 64QAM | 100 | 0 | 16.76 | 16.74 | 16.61 | | |
| 20 | 256QAM | 1 | 0 | 16.63 | 16.80 | 16.70 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.69 | 16.80 | 16.71 | | |
| 20 | 256QAM | 1 | 99 | 16.78 | 16.76 | 16.64 | | |
| 20 | 256QAM | 50 | 0 | 16.71 | 16.66 | 16.66 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.66 | 16.75 | 16.74 | | |
| 20 | 256QAM | 50 | 50 | 16.70 | 16.79 | 16.63 | | |
| 20 | 256QAM | 100 | 0 | 16.67 | 16.66 | 16.74 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 16.64 | 16.74 | 16.61 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.52 | 16.58 | 16.66 | | |
| 15 | QPSK | 1 | 74 | 16.58 | 16.68 | 16.62 | | |
| 15 | QPSK | 36 | 0 | 16.69 | 16.76 | 16.61 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.58 | 16.74 | 16.52 | | |
| 15 | QPSK | 36 | 39 | 16.53 | 16.65 | 16.63 | | |
| 15 | QPSK | 75 | 0 | 16.55 | 16.70 | 16.59 | | |
| 15 | 16QAM | 1 | 0 | 16.71 | 16.56 | 16.48 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.49 | 16.65 | 16.62 | | |
| 15 | 16QAM | 1 | 74 | 16.53 | 16.64 | 16.57 | | |
| 15 | 16QAM | 36 | 0 | 16.52 | 16.61 | 16.63 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.74 | 16.75 | 16.43 | | |
| 15 | 16QAM | 36 | 39 | 16.72 | 16.65 | 16.72 | | |
| 15 | 16QAM | 75 | 0 | 16.69 | 16.74 | 16.79 | | |
| 15 | 64QAM | 1 | 0 | 16.60 | 16.67 | 16.49 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.72 | 16.60 | 16.69 | | |
| 15 | 64QAM | 1 | 74 | 16.64 | 16.67 | 16.60 | | |
| 15 | 64QAM | 36 | 0 | 16.55 | 16.66 | 16.53 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.67 | 16.69 | 16.75 | | |
| 15 | 64QAM | 36 | 39 | 16.55 | 16.71 | 16.76 | | |
| 15 | 64QAM | 75 | 0 | 16.69 | 16.72 | 16.59 | | |
| 15 | 256QAM | 1 | 0 | 16.53 | 16.71 | 16.62 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.55 | 16.79 | 16.64 | | |
| 15 | 256QAM | 1 | 74 | 16.76 | 16.62 | 16.63 | | |
| 15 | 256QAM | 36 | 0 | 16.58 | 16.57 | 16.56 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.54 | 16.68 | 16.61 | | |
| 15 | 256QAM | 36 | 39 | 16.57 | 16.70 | 16.57 | | |
| 15 | 256QAM | 75 | 0 | 16.57 | 16.59 | 16.74 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 16.53 | 16.70 | 16.49 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.48 | 16.46 | 16.63 | | |
| 10 | QPSK | 1 | 49 | 16.55 | 16.55 | 16.52 | | |
| 10 | QPSK | 25 | 0 | 16.61 | 16.72 | 16.49 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.45 | 16.72 | 16.41 | | |
| 10 | QPSK | 25 | 25 | 16.49 | 16.61 | 16.56 | | |
| 10 | QPSK | 50 | 0 | 16.41 | 16.67 | 16.54 | | |
| 10 | 16QAM | 1 | 0 | 16.60 | 16.49 | 16.45 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.34 | 16.60 | 16.59 | | |
| 10 | 16QAM | 1 | 49 | 16.49 | 16.54 | 16.48 | | |
| 10 | 16QAM | 25 | 0 | 16.41 | 16.52 | 16.58 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.62 | 16.74 | 16.35 | | |
| 10 | 16QAM | 25 | 25 | 16.77 | 16.57 | 16.78 | | |
| 10 | 16QAM | 50 | 0 | 16.76 | 16.66 | 16.74 | | |
| 10 | 64QAM | 1 | 0 | 16.66 | 16.74 | 16.56 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.81 | 16.64 | 16.72 | | |
| 10 | 64QAM | 1 | 49 | 16.74 | 16.78 | 16.75 | | |
| 10 | 64QAM | 25 | 0 | 16.69 | 16.81 | 16.68 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.68 | 16.79 | 16.74 | | |
| 10 | 64QAM | 25 | 25 | 16.57 | 16.79 | 16.79 | | |
| 10 | 64QAM | 50 | 0 | 16.75 | 16.74 | 16.64 | | |
| 10 | 256QAM | 1 | 0 | 16.65 | 16.78 | 16.73 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.68 | 16.81 | 16.71 | | |
| 10 | 256QAM | 1 | 49 | 16.74 | 16.71 | 16.73 | | |
| 10 | 256QAM | 25 | 0 | 16.71 | 16.62 | 16.68 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.60 | 16.75 | 16.69 | | |
| 10 | 256QAM | 25 | 25 | 16.61 | 16.75 | 16.58 | | |
| 10 | 256QAM | 50 | 0 | 16.60 | 16.64 | 16.79 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 16.52 | 16.62 | 16.47 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.43 | 16.42 | 16.49 | | |
| 5 | QPSK | 1 | 24 | 16.40 | 16.47 | 16.50 | | |
| 5 | QPSK | 12 | 0 | 16.55 | 16.62 | 16.42 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.44 | 16.57 | 16.29 | | |
| 5 | QPSK | 12 | 13 | 16.34 | 16.53 | 16.48 | | |
| 5 | QPSK | 25 | 0 | 16.27 | 16.64 | 16.51 | | |
| 5 | 16QAM | 1 | 0 | 16.46 | 16.46 | 16.32 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.22 | 16.58 | 16.47 | | |
| 5 | 16QAM | 1 | 24 | 16.34 | 16.49 | 16.37 | | |
| 5 | 16QAM | 12 | 0 | 16.34 | 16.37 | 16.51 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.54 | 16.64 | 16.32 | | |
| 5 | 16QAM | 12 | 13 | 16.77 | 16.54 | 16.72 | | |
| 5 | 16QAM | 25 | 0 | 16.71 | 16.81 | 16.79 | | |
| 5 | 64QAM | 1 | 0 | 16.68 | 16.73 | 16.60 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.75 | 16.70 | 16.75 | | |
| 5 | 64QAM | 1 | 24 | 16.79 | 16.73 | 16.70 | | |
| 5 | 64QAM | 12 | 0 | 16.72 | 16.78 | 16.77 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.81 | 16.77 | 16.79 | | |
| 5 | 64QAM | 12 | 13 | 16.71 | 16.80 | 16.80 | | |
| 5 | 64QAM | 25 | 0 | 16.81 | 16.73 | 16.70 | | |
| 5 | 256QAM | 1 | 0 | 16.76 | 16.77 | 16.78 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.75 | 16.72 | 16.76 | | |
| 5 | 256QAM | 1 | 24 | 16.79 | 16.76 | 16.77 | | |
| 5 | 256QAM | 12 | 0 | 16.76 | 16.67 | 16.81 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.61 | 16.76 | 16.76 | | |
| 5 | 256QAM | 12 | 13 | 16.73 | 16.75 | 16.67 | | |
| 5 | 256QAM | 25 | 0 | 16.73 | 16.69 | 16.73 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 23.03 | 23.02 | 23.05 | 22.85 | 22.56 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.86 | 22.92 | 22.96 | 22.56 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.81 | 22.82 | 22.88 | 22.62 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.86 | 21.84 | 21.89 | 21.73 | 21.63 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.83 | 21.83 | 21.84 | 21.72 | 21.58 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.78 | 21.85 | 21.71 | 21.60 | | |
| 20 | QPSK | 100 | 0 | 22.57 | 22.57 | 22.62 | 22.04 | 21.80 | | |
| 20 | 16QAM | 1 | 0 | 22.52 | 22.62 | 22.45 | 21.99 | 21.75 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.26 | 22.34 | 21.85 | 21.72 | | |
| 20 | 16QAM | 1 | 99 | 22.23 | 22.29 | 22.32 | 21.81 | 21.68 | | |
| 20 | 16QAM | 50 | 0 | 20.89 | 20.88 | 20.91 | 20.76 | 20.59 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.84 | 20.82 | 20.89 | 20.69 | 20.50 | | |
| 20 | 16QAM | 50 | 50 | 20.85 | 20.89 | 20.90 | 20.65 | 20.55 | | |
| 20 | 16QAM | 100 | 0 | 20.78 | 20.80 | 20.83 | 20.69 | 20.52 | | |
| 20 | 64QAM | 1 | 0 | 21.01 | 21.10 | 21.08 | 20.62 | 20.58 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.95 | 21.02 | 20.61 | 20.44 | | |
| 20 | 64QAM | 1 | 99 | 20.97 | 21.01 | 21.04 | 20.59 | 20.53 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.02 | 22.97 | 23.03 | 22.82 | 22.53 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.94 | 22.88 | 22.57 | 22.40 | | |
| 15 | QPSK | 1 | 74 | 22.79 | 22.84 | 22.92 | 22.66 | 22.50 | | |
| 15 | QPSK | 36 | 0 | 21.81 | 21.77 | 21.82 | 21.77 | 21.55 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.75 | 21.88 | 21.72 | 21.55 | | |
| 15 | QPSK | 36 | 39 | 21.87 | 21.77 | 21.87 | 21.75 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.53 | 22.61 | 22.06 | 21.73 | | |
| 15 | 16QAM | 1 | 0 | 22.43 | 22.62 | 22.44 | 21.91 | 21.78 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.27 | 22.31 | 22.31 | 21.80 | 21.75 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.26 | 22.32 | 21.86 | 21.63 | | |
| 15 | 16QAM | 36 | 0 | 20.94 | 20.80 | 20.92 | 20.73 | 20.50 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.79 | 20.78 | 20.84 | 20.61 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.78 | 20.94 | 20.90 | 20.58 | 20.54 | | |
| 15 | 16QAM | 75 | 0 | 20.70 | 20.79 | 20.78 | 20.62 | 20.50 | | |
| 15 | 64QAM | 1 | 0 | 21.03 | 21.09 | 21.01 | 20.56 | 20.51 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.85 | 20.96 | 20.65 | 20.49 | | |
| 15 | 64QAM | 1 | 74 | 20.95 | 20.94 | 21.09 | 20.61 | 20.47 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.98 | 23.03 | 22.99 | 22.78 | 22.46 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.96 | 22.90 | 22.53 | 22.30 | | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.79 | 22.87 | 22.52 | 22.40 | | |
| 10 | QPSK | 25 | 0 | 21.87 | 21.87 | 21.80 | 21.69 | 21.55 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.87 | 21.85 | 21.75 | 21.67 | 21.49 | | |
| 10 | QPSK | 25 | 25 | 21.79 | 21.82 | 21.75 | 21.74 | 21.53 | | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.49 | 22.52 | 22.06 | 21.85 | | |
| 10 | 16QAM | 1 | 0 | 22.50 | 22.62 | 22.38 | 21.96 | 21.75 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.28 | 22.24 | 22.28 | 21.89 | 21.65 | | |
| 10 | 16QAM | 1 | 49 | 22.24 | 22.32 | 22.22 | 21.78 | 21.73 | | |
| 10 | 16QAM | 25 | 0 | 20.86 | 20.80 | 20.88 | 20.78 | 20.62 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.81 | 20.90 | 20.65 | 20.42 | | |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.94 | 20.82 | 20.70 | 20.57 | | |
| 10 | 16QAM | 50 | 0 | 20.68 | 20.82 | 20.77 | 20.70 | 20.42 | | |
| 10 | 64QAM | 1 | 0 | 21.06 | 21.02 | 21.07 | 20.52 | 20.49 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.96 | 20.94 | 20.93 | 20.51 | 20.34 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 21.00 | 21.00 | 20.64 | 20.49 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.93 | 22.99 | 23.04 | 22.84 | 22.58 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.82 | 22.87 | 22.46 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.86 | 22.77 | 22.79 | 22.60 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.83 | 21.84 | 21.92 | 21.71 | 21.64 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.80 | 21.80 | 21.86 | 21.71 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.86 | 21.78 | 21.78 | 21.76 | 21.61 | | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.49 | 22.58 | 22.05 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.44 | 22.56 | 22.50 | 22.01 | 21.79 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.26 | 22.19 | 22.24 | 21.79 | 21.66 | | |
| 5 | 16QAM | 1 | 24 | 22.14 | 22.19 | 22.35 | 21.74 | 21.66 | | |
| 5 | 16QAM | 12 | 0 | 20.84 | 20.83 | 20.90 | 20.78 | 20.61 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.77 | 20.72 | 20.81 | 20.72 | 20.40 | | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.79 | 20.92 | 20.60 | 20.45 | | |
| 5 | 16QAM | 25 | 0 | 20.75 | 20.84 | 20.82 | 20.72 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 21.00 | 21.01 | 21.13 | 20.66 | 20.56 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.98 | 20.98 | 21.03 | 20.66 | 20.37 | | |
| 5 | 64QAM | 1 | 24 | 20.92 | 21.02 | 21.01 | 20.53 | 20.43 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 17.41 | 17.42 | 17.53 | 17.36 | 17.31 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 17.28 | 17.39 | 17.08 | 17.25 | 17.13 | | |
| 20 | QPSK | 1 | 99 | 17.22 | 17.36 | 17.10 | 17.22 | 17.10 | | |
| 20 | QPSK | 50 | 0 | 17.37 | 17.48 | 17.49 | 17.30 | 17.29 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 17.25 | 17.39 | 17.15 | 17.26 | 17.23 | | |
| 20 | QPSK | 50 | 50 | 17.20 | 17.40 | 17.16 | 17.20 | 17.22 | | |
| 20 | QPSK | 100 | 0 | 17.33 | 17.43 | 17.46 | 17.45 | 17.23 | | |
| 20 | 16QAM | 1 | 0 | 17.25 | 17.45 | 17.10 | 17.26 | 17.19 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 17.33 | 17.45 | 17.19 | 17.30 | 17.08 | | |
| 20 | 16QAM | 1 | 99 | 17.33 | 17.38 | 17.40 | 17.43 | 17.26 | | |
| 20 | 16QAM | 50 | 0 | 17.21 | 17.35 | 17.15 | 17.23 | 17.23 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 17.27 | 17.41 | 17.08 | 17.30 | 17.17 | | |
| 20 | 16QAM | 50 | 50 | 17.35 | 17.36 | 17.35 | 17.44 | 17.23 | | |
| 20 | 16QAM | 100 | 0 | 17.26 | 17.46 | 17.07 | 17.20 | 17.19 | | |
| 20 | 64QAM | 1 | 0 | 17.24 | 17.45 | 17.13 | 17.20 | 17.16 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 17.31 | 17.44 | 17.32 | 17.34 | 17.29 | | |
| 20 | 64QAM | 1 | 99 | 17.26 | 17.42 | 17.13 | 17.22 | 17.20 | | |
| 20 | 64QAM | 50 | 0 | 17.20 | 17.46 | 17.20 | 17.26 | 17.15 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 17.38 | 17.41 | 17.35 | 17.35 | 17.23 | | |
| 20 | 64QAM | 50 | 50 | 17.31 | 17.39 | 17.17 | 17.28 | 17.20 | | |
| 20 | 64QAM | 100 | 0 | 17.27 | 17.36 | 17.18 | 17.22 | 17.13 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.48 | 17.33 | 17.41 | 17.25 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 17.34 | 17.45 | 17.10 | 17.22 | 17.20 | | |
| 20 | 256QAM | 1 | 99 | 17.21 | 17.42 | 17.06 | 17.26 | 17.08 | | |
| 20 | 256QAM | 50 | 0 | 17.44 | 17.48 | 17.38 | 17.33 | 17.26 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 17.34 | 17.44 | 17.40 | 17.45 | 17.15 | | |
| 20 | 256QAM | 50 | 50 | 17.32 | 17.36 | 17.14 | 17.26 | 17.13 | | |
| 20 | 256QAM | 100 | 0 | 17.28 | 17.40 | 17.10 | 17.21 | 17.22 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 17.20 | 17.10 | 17.19 | 17.17 | 17.11 | 18.00 | 0 |
| 15 | QPSK | 1 | 37 | 16.95 | 17.04 | 16.81 | 17.09 | 16.86 | | |
| 15 | QPSK | 1 | 74 | 16.97 | 17.06 | 16.86 | 16.99 | 16.89 | | |
| 15 | QPSK | 36 | 0 | 17.05 | 17.27 | 17.21 | 17.19 | 17.14 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.94 | 17.17 | 16.85 | 16.99 | 17.11 | | |
| 15 | QPSK | 36 | 39 | 16.94 | 17.09 | 16.83 | 17.05 | 16.97 | | |
| 15 | QPSK | 75 | 0 | 17.05 | 17.10 | 17.21 | 17.33 | 16.97 | | |
| 15 | 16QAM | 1 | 0 | 16.96 | 17.15 | 16.79 | 17.11 | 17.07 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.99 | 17.13 | 16.91 | 17.19 | 16.89 | | |
| 15 | 16QAM | 1 | 74 | 17.10 | 17.10 | 17.13 | 17.33 | 17.03 | | |
| 15 | 16QAM | 36 | 0 | 17.00 | 17.06 | 16.85 | 17.11 | 17.10 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 17.04 | 17.06 | 16.78 | 17.02 | 16.94 | | |
| 15 | 16QAM | 36 | 39 | 17.23 | 17.03 | 17.18 | 17.16 | 17.07 | | |
| 15 | 16QAM | 75 | 0 | 17.09 | 17.37 | 16.91 | 16.94 | 16.99 | | |
| 15 | 64QAM | 1 | 0 | 17.10 | 17.29 | 17.05 | 16.96 | 16.94 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 17.26 | 17.31 | 17.14 | 17.14 | 17.05 | | |
| 15 | 64QAM | 1 | 74 | 17.20 | 17.33 | 16.99 | 17.03 | 16.97 | | |
| 15 | 64QAM | 36 | 0 | 17.11 | 17.33 | 17.09 | 17.08 | 16.86 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 17.19 | 17.25 | 17.23 | 17.12 | 17.09 | | |
| 15 | 64QAM | 36 | 39 | 17.17 | 17.24 | 17.05 | 17.04 | 17.07 | | |
| 15 | 64QAM | 75 | 0 | 17.18 | 17.20 | 16.99 | 17.11 | 16.85 | | |
| 15 | 256QAM | 1 | 0 | 17.16 | 17.41 | 17.28 | 17.12 | 17.04 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 17.28 | 17.30 | 16.94 | 17.07 | 16.94 | | |
| 15 | 256QAM | 1 | 74 | 17.14 | 17.23 | 17.01 | 17.11 | 16.89 | | |
| 15 | 256QAM | 36 | 0 | 17.34 | 17.35 | 17.23 | 17.20 | 17.02 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 17.22 | 17.31 | 17.30 | 17.35 | 17.01 | | |
| 15 | 256QAM | 36 | 39 | 17.25 | 17.21 | 17.08 | 17.13 | 17.00 | | |
| 15 | 256QAM | 75 | 0 | 17.18 | 17.28 | 17.00 | 16.97 | 17.03 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 17.09 | 17.07 | 17.23 | 17.24 | 17.21 | 18.00 | 0 |
| 10 | QPSK | 1 | 25 | 16.94 | 17.15 | 16.84 | 17.09 | 16.84 | | |
| 10 | QPSK | 1 | 49 | 16.92 | 17.15 | 16.87 | 16.95 | 16.91 | | |
| 10 | QPSK | 25 | 0 | 17.16 | 17.26 | 17.28 | 17.16 | 17.02 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.97 | 17.15 | 16.88 | 16.96 | 17.12 | | |
| 10 | QPSK | 25 | 25 | 16.97 | 17.06 | 16.93 | 16.98 | 16.93 | | |
| 10 | QPSK | 50 | 0 | 17.02 | 17.14 | 17.16 | 17.33 | 17.08 | | |
| 10 | 16QAM | 1 | 0 | 17.04 | 17.17 | 16.77 | 17.14 | 16.95 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 17.06 | 17.18 | 16.97 | 17.00 | 16.98 | | |
| 10 | 16QAM | 1 | 49 | 17.09 | 17.06 | 17.12 | 17.26 | 17.15 | | |
| 10 | 16QAM | 25 | 0 | 16.91 | 17.07 | 16.90 | 17.12 | 17.01 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 17.02 | 17.15 | 16.76 | 17.01 | 16.96 | | |
| 10 | 16QAM | 25 | 25 | 17.17 | 17.15 | 17.18 | 17.28 | 17.04 | | |
| 10 | 16QAM | 50 | 0 | 17.07 | 17.29 | 16.98 | 17.06 | 17.04 | | |
| 10 | 64QAM | 1 | 0 | 17.12 | 17.29 | 16.95 | 16.91 | 16.86 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 17.15 | 17.33 | 17.18 | 17.19 | 17.19 | | |
| 10 | 64QAM | 1 | 49 | 17.16 | 17.26 | 16.97 | 16.92 | 17.00 | | |
| 10 | 64QAM | 25 | 0 | 17.04 | 17.36 | 17.09 | 17.13 | 17.05 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 17.28 | 17.25 | 17.28 | 17.25 | 17.01 | | |
| 10 | 64QAM | 25 | 25 | 17.18 | 17.21 | 16.98 | 17.03 | 17.03 | | |
| 10 | 64QAM | 50 | 0 | 17.11 | 17.28 | 17.04 | 17.04 | 16.91 | | |
| 10 | 256QAM | 1 | 0 | 17.25 | 17.39 | 17.26 | 17.26 | 17.04 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 17.27 | 17.28 | 17.01 | 17.00 | 16.90 | | |
| 10 | 256QAM | 1 | 49 | 17.11 | 17.37 | 16.97 | 17.16 | 16.97 | | |
| 10 | 256QAM | 25 | 0 | 17.34 | 17.31 | 17.25 | 17.05 | 17.08 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 17.21 | 17.33 | 17.23 | 17.28 | 17.01 | | |
| 10 | 256QAM | 25 | 25 | 17.16 | 17.22 | 17.00 | 17.08 | 16.98 | | |
| 10 | 256QAM | 50 | 0 | 17.20 | 17.22 | 17.01 | 16.95 | 16.92 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 17.18 | 17.12 | 17.19 | 17.35 | 17.04 | 18.00 | 0 |
| 5 | QPSK | 1 | 12 | 16.94 | 17.12 | 16.84 | 17.08 | 16.86 | | |
| 5 | QPSK | 1 | 24 | 16.99 | 17.13 | 16.88 | 16.96 | 16.92 | | |
| 5 | QPSK | 12 | 0 | 17.04 | 17.13 | 17.25 | 17.21 | 17.07 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.93 | 17.14 | 16.87 | 16.98 | 16.96 | | |
| 5 | QPSK | 12 | 13 | 16.90 | 17.09 | 16.85 | 16.99 | 17.06 | | |
| 5 | QPSK | 25 | 0 | 17.11 | 17.10 | 17.20 | 17.29 | 17.07 | | |
| 5 | 16QAM | 1 | 0 | 17.03 | 17.13 | 16.87 | 17.04 | 17.03 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 17.01 | 17.21 | 16.88 | 17.14 | 16.94 | | |
| 5 | 16QAM | 1 | 24 | 17.09 | 17.06 | 17.15 | 17.29 | 17.10 | | |
| 5 | 16QAM | 12 | 0 | 16.92 | 17.02 | 16.80 | 17.06 | 17.02 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 17.04 | 17.15 | 16.77 | 17.09 | 17.04 | | |
| 5 | 16QAM | 12 | 13 | 17.27 | 17.02 | 17.28 | 17.31 | 17.05 | | |
| 5 | 16QAM | 25 | 0 | 17.20 | 17.32 | 16.88 | 17.00 | 17.00 | | |
| 5 | 64QAM | 1 | 0 | 17.15 | 17.28 | 16.97 | 17.10 | 17.01 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 17.16 | 17.31 | 17.20 | 17.16 | 17.15 | | |
| 5 | 64QAM | 1 | 24 | 17.19 | 17.35 | 17.07 | 17.11 | 16.98 | | |
| 5 | 64QAM | 12 | 0 | 17.14 | 17.30 | 17.08 | 17.10 | 16.99 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 17.23 | 17.26 | 17.24 | 17.16 | 16.95 | | |
| 5 | 64QAM | 12 | 13 | 17.24 | 17.31 | 17.00 | 17.06 | 17.03 | | |
| 5 | 64QAM | 25 | 0 | 17.08 | 17.26 | 17.07 | 16.94 | 16.94 | | |
| 5 | 256QAM | 1 | 0 | 17.20 | 17.37 | 17.27 | 17.27 | 16.95 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 17.17 | 17.38 | 17.00 | 16.99 | 17.01 | | |
| 5 | 256QAM | 1 | 24 | 17.02 | 17.31 | 16.93 | 17.05 | 16.78 | | |
| 5 | 256QAM | 12 | 0 | 17.26 | 17.38 | 17.19 | 17.11 | 17.05 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 17.18 | 17.33 | 17.34 | 17.30 | 16.87 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.30 | 17.03 | 17.08 | 16.85 | | |
| 5 | 256QAM | 25 | 0 | 17.17 | 17.30 | 16.92 | 16.97 | 16.96 | | |

0.10

## Band 42_Ant 5

| 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 | 14.86 | 15.01 | 14.85 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 14.67 | 14.70 | 14.73 | | |
| 20 | QPSK | 1 | 99 | 14.77 | 14.85 | 14.74 | | |
| 20 | QPSK | 50 | 0 | 14.91 | 15.00 | 14.90 | 16.5 | 0 |
| 20 | QPSK | 50 | 24 | 14.89 | 14.83 | 14.70 | | |
| 20 | QPSK | 50 | 50 | 14.74 | 14.76 | 14.83 | | |
| 20 | QPSK | 100 | 0 | 14.81 | 14.97 | 14.89 | | |
| 20 | 16QAM | 1 | 0 | 14.83 | 14.86 | 14.77 | 16.5 | 0 |
| 20 | 16QAM | 1 | 49 | 14.83 | 14.84 | 14.87 | | |
| 20 | 16QAM | 1 | 99 | 14.89 | 14.90 | 14.86 | | |
| 20 | 16QAM | 50 | 0 | 14.70 | 14.94 | 14.72 | 16.5 | 0 |
| 20 | 16QAM | 50 | 24 | 14.83 | 14.89 | 14.56 | | |
| 20 | 16QAM | 50 | 50 | 14.88 | 14.89 | 14.92 | | |
| 20 | 16QAM | 100 | 0 | 14.83 | 14.87 | 14.87 | | |
| 20 | 64QAM | 1 | 0 | 14.61 | 14.78 | 14.60 | 16.5 | 0 |
| 20 | 64QAM | 1 | 49 | 14.81 | 14.80 | 14.71 | | |
| 20 | 64QAM | 1 | 99 | 14.96 | 14.99 | 14.87 | | |
| 20 | 64QAM | 50 | 0 | 14.86 | 14.96 | 14.75 | 16.5 | 0 |
| 20 | 64QAM | 50 | 24 | 14.75 | 14.81 | 14.78 | | |
| 20 | 64QAM | 50 | 50 | 14.81 | 14.85 | 14.78 | | |
| 20 | 64QAM | 100 | 0 | 14.80 | 14.89 | 14.60 | | |
| 20 | 256QAM | 1 | 0 | 14.85 | 14.86 | 14.73 | 16.5 | 0 |
| 20 | 256QAM | 1 | 49 | 14.88 | 14.80 | 14.73 | | |
| 20 | 256QAM | 1 | 99 | 14.79 | 14.74 | 14.62 | | |
| 20 | 256QAM | 50 | 0 | 14.69 | 14.75 | 14.63 | 16.5 | 0 |
| 20 | 256QAM | 50 | 24 | 14.70 | 14.80 | 14.76 | | |
| 20 | 256QAM | 50 | 50 | 14.73 | 14.77 | 14.58 | | |
| 20 | 256QAM | 100 | 0 | 14.89 | 14.89 | 14.80 | | |
| Channel | | | | 43165 | 43340 | 43515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3575 | 3592.5 | | |
| 15 | QPSK | 1 | 0 | 14.75 | 15.00 | 14.83 | 16.5 | 0 |
| 15 | QPSK | 1 | 37 | 14.79 | 14.87 | 14.71 | | |
| 15 | QPSK | 1 | 74 | 14.76 | 14.94 | 14.84 | | |
| 15 | QPSK | 36 | 0 | 14.73 | 14.86 | 14.70 | 16.5 | 0 |
| 15 | QPSK | 36 | 20 | 14.85 | 14.92 | 14.83 | | |
| 15 | QPSK | 36 | 39 | 14.85 | 14.90 | 14.73 | | |
| 15 | QPSK | 75 | 0 | 14.79 | 14.97 | 14.78 | | |
| 15 | 16QAM | 1 | 0 | 14.80 | 14.90 | 14.79 | 16.5 | 0 |
| 15 | 16QAM | 1 | 37 | 14.84 | 14.95 | 14.83 | | |
| 15 | 16QAM | 1 | 74 | 14.72 | 14.98 | 14.71 | | |
| 15 | 16QAM | 36 | 0 | 14.76 | 14.99 | 14.83 | 16.5 | 0 |
| 15 | 16QAM | 36 | 20 | 14.81 | 14.92 | 14.75 | | |
| 15 | 16QAM | 36 | 39 | 14.72 | 14.97 | 14.76 | | |
| 15 | 16QAM | 75 | 0 | 14.76 | 14.98 | 14.73 | | |
| 15 | 64QAM | 1 | 0 | 14.82 | 14.98 | 14.81 | 16.5 | 0 |
| 15 | 64QAM | 1 | 37 | 14.76 | 14.94 | 14.72 | | |
| 15 | 64QAM | 1 | 74 | 14.75 | 14.97 | 14.70 | | |
| 15 | 64QAM | 36 | 0 | 14.80 | 14.94 | 14.78 | 16.5 | 0 |
| 15 | 64QAM | 36 | 20 | 14.75 | 14.88 | 14.83 | | |
| 15 | 64QAM | 36 | 39 | 14.81 | 14.93 | 14.79 | | |
| 15 | 64QAM | 75 | 0 | 14.81 | 14.88 | 14.72 | | |
| 15 | 256QAM | 1 | 0 | 14.78 | 14.93 | 14.76 | 16.5 | 0 |
| 15 | 256QAM | 1 | 37 | 14.78 | 14.96 | 14.72 | | |
| 15 | 256QAM | 1 | 74 | 14.81 | 14.89 | 14.72 | | |
| 15 | 256QAM | 36 | 0 | 14.80 | 14.87 | 14.80 | 16.5 | 0 |
| 15 | 256QAM | 36 | 20 | 14.78 | 14.96 | 14.76 | | |
| 15 | 256QAM | 36 | 39 | 14.78 | 14.94 | 14.84 | | |
| 15 | 256QAM | 75 | 0 | 14.75 | 14.96 | 14.84 | | |
| Channel | | | | 43140 | 43340 | 43540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3575 | 3595 | | |
| 10 | QPSK | 1 | 0 | 14.64 | 14.88 | 14.81 | 16.5 | 0 |
| 10 | QPSK | 1 | 25 | 14.78 | 14.83 | 14.64 | | |
| 10 | QPSK | 1 | 49 | 14.68 | 14.90 | 14.76 | | |
| 10 | QPSK | 25 | 0 | 14.61 | 14.84 | 14.60 | 16.5 | 0 |
| 10 | QPSK | 25 | 12 | 14.80 | 14.84 | 14.82 | | |
| 10 | QPSK | 25 | 25 | 14.74 | 14.81 | 14.70 | | |
| 10 | QPSK | 50 | 0 | 14.78 | 14.93 | 14.74 | | |
| 10 | 16QAM | 1 | 0 | 14.75 | 14.78 | 14.75 | 16.5 | 0 |
| 10 | 16QAM | 1 | 25 | 14.77 | 14.89 | 14.80 | | |
| 10 | 16QAM | 1 | 49 | 14.69 | 14.91 | 14.62 | | |
| 10 | 16QAM | 25 | 0 | 14.61 | 14.84 | 14.81 | 16.5 | 0 |
| 10 | 16QAM | 25 | 12 | 14.80 | 14.84 | 14.66 | | |
| 10 | 16QAM | 25 | 25 | 14.66 | 14.85 | 14.71 | | |
| 10 | 16QAM | 50 | 0 | 14.71 | 14.84 | 14.68 | | |
| 10 | 64QAM | 1 | 0 | 14.81 | 14.83 | 14.80 | 16.5 | 0 |
| 10 | 64QAM | 1 | 25 | 14.68 | 14.85 | 14.57 | | |
| 10 | 64QAM | 1 | 49 | 14.73 | 14.88 | 14.55 | | |
| 10 | 64QAM | 25 | 0 | 14.66 | 14.86 | 14.71 | 16.5 | 0 |
| 10 | 64QAM | 25 | 12 | 14.61 | 14.75 | 14.78 | | |
| 10 | 64QAM | 25 | 25 | 14.71 | 14.92 | 14.71 | | |
| 10 | 64QAM | 50 | 0 | 14.70 | 14.84 | 14.63 | | |
| 10 | 256QAM | 1 | 0 | 14.71 | 14.84 | 14.62 | 16.5 | 0 |
| 10 | 256QAM | 1 | 25 | 14.69 | 14.91 | 14.65 | | |
| 10 | 256QAM | 1 | 49 | 14.71 | 14.76 | 14.60 | | |
| 10 | 256QAM | 25 | 0 | 14.78 | 14.75 | 14.69 | 16.5 | 0 |
| 10 | 256QAM | 25 | 12 | 14.65 | 14.82 | 14.61 | | |
| 10 | 256QAM | 25 | 25 | 14.63 | 14.82 | 14.83 | | |
| 10 | 256QAM | 50 | 0 | 14.62 | 14.90 | 14.72 | | |
| Channel | | | | 43115 | 43340 | 43565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3552.5 | 3575 | 3597.5 | | |
| 5 | QPSK | 1 | 0 | 14.72 | 14.97 | 14.75 | 16.5 | 0 |
| 5 | QPSK | 1 | 12 | 14.73 | 14.79 | 14.57 | | |
| 5 | QPSK | 1 | 24 | 14.68 | 14.86 | 14.70 | | |
| 5 | QPSK | 12 | 0 | 14.69 | 14.71 | 14.67 | 16.5 | 0 |
| 5 | QPSK | 12 | 7 | 14.79 | 14.82 | 14.77 | | |
| 5 | QPSK | 12 | 13 | 14.72 | 14.75 | 14.59 | | |
| 5 | QPSK | 25 | 0 | 14.73 | 14.93 | 14.77 | | |
| 5 | 16QAM | 1 | 0 | 14.66 | 14.88 | 14.64 | 16.5 | 0 |
| 5 | 16QAM | 1 | 12 | 14.76 | 14.87 | 14.68 | | |
| 5 | 16QAM | 1 | 24 | 14.69 | 14.91 | 14.60 | | |
| 5 | 16QAM | 12 | 0 | 14.61 | 14.89 | 14.70 | 16.5 | 0 |
| 5 | 16QAM | 12 | 7 | 14.76 | 14.80 | 14.66 | | |
| 5 | 16QAM | 12 | 13 | 14.71 | 14.89 | 14.62 | | |
| 5 | 16QAM | 25 | 0 | 14.64 | 14.85 | 14.72 | | |
| 5 | 64QAM | 1 | 0 | 14.80 | 14.84 | 14.69 | 16.5 | 0 |
| 5 | 64QAM | 1 | 12 | 14.72 | 14.81 | 14.71 | | |
| 5 | 64QAM | 1 | 24 | 14.66 | 14.82 | 14.60 | | |
| 5 | 64QAM | 12 | 0 | 14.70 | 14.85 | 14.63 | 16.5 | 0 |
| 5 | 64QAM | 12 | 7 | 14.65 | 14.80 | 14.76 | | |
| 5 | 64QAM | 12 | 13 | 14.71 | 14.90 | 14.72 | | |
| 5 | 64QAM | 25 | 0 | 14.72 | 14.76 | 14.70 | | |
| 5 | 256QAM | 1 | 0 | 14.69 | 14.83 | 14.71 | 16.5 | 0 |
| 5 | 256QAM | 1 | 12 | 14.74 | 14.95 | 14.69 | | |
| 5 | 256QAM | 1 | 24 | 14.71 | 14.86 | 14.69 | | |
| 5 | 256QAM | 12 | 0 | 14.67 | 14.80 | 14.78 | 16.5 | 0 |
| 5 | 256QAM | 12 | 7 | 14.71 | 14.89 | 14.64 | | |
| 5 | 256QAM | 12 | 13 | 14.66 | 14.86 | 14.76 | | |
| 5 | 256QAM | 25 | 0 | 14.62 | 14.93 | 14.69 | | |

# Reduced Power for DSI 3

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 30.60 | 30.74 | 30.54 | 31.00 | 21.60 | 21.74 | 21.54 | 22.00 |
| GPRS 1 Tx slot | 30.73 | 30.84 | 30.60 | 31.00 | 21.73 | 21.84 | 21.60 | 22.00 |
| GPRS 2 Tx slots | 27.30 | 27.47 | 27.41 | 29.00 | 21.30 | 21.47 | 21.41 | 23.00 |
| GPRS 3 Tx slots | 25.52 | 25.56 | 25.35 | 26.50 | 21.26 | 21.30 | 21.09 | 22.24 |
| GPRS 4 Tx slots | 24.30 | 24.11 | 24.00 | 24.50 | 21.30 | 21.11 | 21.00 | 21.50 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 25.88 | 25.71 | 25.61 | 26.50 | 16.88 | 16.71 | 16.61 | 17.50 |
| GPRS 1 Tx slot | 25.94 | 25.77 | 25.67 | 26.50 | 16.94 | 16.77 | 16.67 | 17.50 |
| GPRS 2 Tx slots | 22.52 | 22.59 | 22.43 | 24.00 | 16.52 | 16.59 | 16.43 | 18.00 |
| GPRS 3 Tx slots | 20.69 | 20.51 | 20.47 | 22.00 | 16.43 | 16.25 | 16.21 | 17.74 |
| GPRS 4 Tx slots | 19.17 | 18.93 | 18.89 | 20.00 | 16.17 | 15.93 | 15.89 | 17.00 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.50 | 15.87 | 16.00 | 15.92 | 17.50 |
| EDGE 2 Tx slots | 22.44 | 22.41 | 22.21 | 24.00 | 16.44 | 16.41 | 16.21 | 18.00 |
| EDGE 3 Tx slots | 20.67 | 20.70 | 20.64 | 22.00 | 16.41 | 16.44 | 16.38 | 17.74 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 16.11 | 16.16 | 16.13 | 17.50 | 17.62 | 17.86 | 17.83 | 19.00 | 20.83 | 20.88 | 20.80 | 22.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 16.15 | 16.23 | 16.22 | 17.50 | 17.85 | 17.88 | 17.85 | 19.00 | 20.86 | 20.91 | 20.82 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 15.07 | 15.07 | 15.08 | 16.50 | 16.54 | 16.69 | 16.69 | 18.00 | 19.90 | 19.96 | 19.86 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 15.10 | 15.09 | 15.14 | 16.50 | 16.56 | 16.75 | 16.72 | 18.00 | 19.92 | 19.95 | 19.87 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 14.58 | 14.59 | 14.60 | 16.00 | 16.04 | 16.22 | 15.88 | 17.50 | 19.42 | 19.45 | 19.35 | 20.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 14.61 | 14.65 | 14.50 | 16.00 | 16.04 | 16.20 | 16.27 | 17.50 | 19.44 | 19.47 | 19.33 | 20.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 15.35 | 15.22 | 15.20 | 16.50 | 16.58 | 16.75 | 16.75 | 18.00 | 19.92 | 19.96 | 19.87 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 13.11 | 13.08 | 13.15 | 14.50 | 14.59 | 14.77 | 14.76 | 16.00 | 17.89 | 17.93 | 17.86 | 19.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 14.34 | 14.42 | 14.20 | 15.50 | 15.57 | 15.77 | 15.77 | 17.00 | 18.95 | 18.91 | 18.87 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 13.09 | 13.04 | 13.13 | 14.50 | 14.63 | 14.77 | 14.79 | 16.00 | 17.92 | 17.94 | 17.91 | 19.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 15.10 | 15.03 | 15.13 | 16.50 | 16.60 | 16.80 | 16.80 | 18.00 | 19.90 | 20.00 | 19.90 | 21.20 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 13.11 | 12.94 | 13.05 | 14.00 | 15.05 | 15.22 | 15.16 | 15.50 | 17.97 | 18.00 | 17.89 | 18.70 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 16.39 | 16.49 | 16.48 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.32 | 16.36 | 16.46 | | |
| 20 | QPSK | 1 | 99 | 16.36 | 16.43 | 16.46 | | |
| 20 | QPSK | 50 | 0 | 16.41 | 16.42 | 16.36 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.24 | 16.25 | 16.33 | | |
| 20 | QPSK | 50 | 50 | 16.34 | 16.35 | 16.26 | | |
| 20 | QPSK | 100 | 0 | 16.34 | 16.37 | 16.22 | | |
| 20 | 16QAM | 1 | 0 | 16.32 | 16.31 | 16.24 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.37 | 16.34 | 16.42 | | |
| 20 | 16QAM | 1 | 99 | 16.37 | 16.22 | 16.48 | | |
| 20 | 16QAM | 50 | 0 | 16.44 | 16.42 | 16.37 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.37 | 16.29 | 16.42 | | |
| 20 | 16QAM | 50 | 50 | 16.27 | 16.38 | 16.23 | | |
| 20 | 16QAM | 100 | 0 | 16.46 | 16.28 | 16.20 | | |
| 20 | 64QAM | 1 | 0 | 16.31 | 16.38 | 16.41 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.35 | 16.33 | 16.47 | | |
| 20 | 64QAM | 1 | 99 | 16.47 | 16.47 | 16.43 | | |
| 20 | 64QAM | 50 | 0 | 16.43 | 16.43 | 16.29 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.33 | 16.25 | 16.43 | | |
| 20 | 64QAM | 50 | 50 | 16.32 | 16.44 | 16.26 | | |
| 20 | 64QAM | 100 | 0 | 16.36 | 16.32 | 16.24 | | |
| 20 | 256QAM | 1 | 0 | 16.25 | 16.32 | 16.24 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.37 | 16.36 | 16.24 | | |
| 20 | 256QAM | 1 | 99 | 16.47 | 16.44 | 16.43 | | |
| 20 | 256QAM | 50 | 0 | 16.44 | 16.34 | 16.31 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.25 | 16.28 | 16.32 | | |
| 20 | 256QAM | 50 | 50 | 16.29 | 16.44 | 16.35 | | |
| 20 | 256QAM | 100 | 0 | 16.44 | 16.39 | 16.28 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 16.46 | 16.31 | 16.43 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.19 | 16.25 | 16.45 | | |
| 15 | QPSK | 1 | 74 | 16.34 | 16.41 | 16.38 | | |
| 15 | QPSK | 36 | 0 | 16.35 | 16.40 | 16.26 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.15 | 16.13 | 16.29 | | |
| 15 | QPSK | 36 | 39 | 16.30 | 16.30 | 16.18 | | |
| 15 | QPSK | 75 | 0 | 16.19 | 16.25 | 16.15 | | |
| 15 | 16QAM | 1 | 0 | 16.27 | 16.19 | 16.39 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.24 | 16.21 | 16.35 | | |
| 15 | 16QAM | 1 | 74 | 16.43 | 16.37 | 16.34 | | |
| 15 | 16QAM | 36 | 0 | 16.42 | 16.33 | 16.36 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.31 | 16.22 | 16.37 | | |
| 15 | 16QAM | 36 | 39 | 16.24 | 16.32 | 16.22 | | |
| 15 | 16QAM | 75 | 0 | 16.33 | 16.25 | 16.09 | | |
| 15 | 64QAM | 1 | 0 | 16.23 | 16.30 | 16.38 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.30 | 16.22 | 16.41 | | |
| 15 | 64QAM | 1 | 74 | 16.29 | 16.39 | 16.42 | | |
| 15 | 64QAM | 36 | 0 | 16.36 | 16.42 | 16.28 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.22 | 16.16 | 16.33 | | |
| 15 | 64QAM | 36 | 39 | 16.28 | 16.29 | 16.15 | | |
| 15 | 64QAM | 75 | 0 | 16.26 | 16.25 | 16.18 | | |
| 15 | 256QAM | 1 | 0 | 16.17 | 16.27 | 16.42 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.26 | 16.26 | 16.44 | | |
| 15 | 256QAM | 1 | 74 | 16.32 | 16.31 | 16.41 | | |
| 15 | 256QAM | 36 | 0 | 16.37 | 16.20 | 16.30 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.14 | 16.14 | 16.28 | | |
| 15 | 256QAM | 36 | 39 | 16.20 | 16.30 | 16.27 | | |
| 15 | 256QAM | 75 | 0 | 16.38 | 16.33 | 16.22 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 16.40 | 16.42 | 16.40 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.27 | 16.31 | 16.44 | | |
| 10 | QPSK | 1 | 49 | 16.27 | 16.30 | 16.39 | | |
| 10 | QPSK | 25 | 0 | 16.28 | 16.39 | 16.27 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.20 | 16.10 | 16.32 | | |
| 10 | QPSK | 25 | 25 | 16.21 | 16.25 | 16.13 | | |
| 10 | QPSK | 50 | 0 | 16.31 | 16.33 | 16.13 | | |
| 10 | 16QAM | 1 | 0 | 16.24 | 16.24 | 16.46 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.28 | 16.31 | 16.46 | | |
| 10 | 16QAM | 1 | 49 | 16.47 | 16.41 | 16.34 | | |
| 10 | 16QAM | 25 | 0 | 16.39 | 16.30 | 16.31 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.22 | 16.24 | 16.28 | | |
| 10 | 16QAM | 25 | 25 | 16.25 | 16.23 | 16.13 | | |
| 10 | 16QAM | 50 | 0 | 16.35 | 16.24 | 16.09 | | |
| 10 | 64QAM | 1 | 0 | 16.19 | 16.27 | 16.32 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.27 | 16.18 | 16.42 | | |
| 10 | 64QAM | 1 | 49 | 16.42 | 16.46 | 16.32 | | |
| 10 | 64QAM | 25 | 0 | 16.41 | 16.34 | 16.21 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.25 | 16.14 | 16.38 | | |
| 10 | 64QAM | 25 | 25 | 16.28 | 16.31 | 16.22 | | |
| 10 | 64QAM | 50 | 0 | 16.22 | 16.20 | 16.18 | | |
| 10 | 256QAM | 1 | 0 | 16.11 | 16.20 | 16.22 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.25 | 16.25 | 16.48 | | |
| 10 | 256QAM | 1 | 49 | 16.29 | 16.29 | 16.37 | | |
| 10 | 256QAM | 25 | 0 | 16.38 | 16.20 | 16.23 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.19 | 16.26 | 16.27 | | |
| 10 | 256QAM | 25 | 25 | 16.21 | 16.38 | 16.23 | | |
| 10 | 256QAM | 50 | 0 | 16.40 | 16.26 | 16.25 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 16.44 | 16.37 | 16.43 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.26 | 16.31 | 16.46 | | |
| 5 | QPSK | 1 | 24 | 16.26 | 16.29 | 16.40 | | |
| 5 | QPSK | 12 | 0 | 16.32 | 16.31 | 16.35 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.20 | 16.15 | 16.18 | | |
| 5 | QPSK | 12 | 13 | 16.28 | 16.24 | 16.23 | | |
| 5 | QPSK | 25 | 0 | 16.27 | 16.35 | 16.18 | | |
| 5 | 16QAM | 1 | 0 | 16.18 | 16.23 | 16.44 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.32 | 16.23 | 16.43 | | |
| 5 | 16QAM | 1 | 24 | 16.43 | 16.36 | 16.35 | | |
| 5 | 16QAM | 12 | 0 | 16.32 | 16.40 | 16.34 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.36 | 16.17 | 16.34 | | |
| 5 | 16QAM | 12 | 13 | 16.15 | 16.36 | 16.12 | | |
| 5 | 16QAM | 25 | 0 | 16.37 | 16.14 | 16.07 | | |
| 5 | 64QAM | 1 | 0 | 16.17 | 16.32 | 16.33 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.33 | 16.28 | 16.38 | | |
| 5 | 64QAM | 1 | 24 | 16.39 | 16.39 | 16.40 | | |
| 5 | 64QAM | 12 | 0 | 16.35 | 16.29 | 16.26 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.28 | 16.22 | 16.31 | | |
| 5 | 64QAM | 12 | 13 | 16.24 | 16.37 | 16.15 | | |
| 5 | 64QAM | 25 | 0 | 16.30 | 16.18 | 16.11 | | |
| 5 | 256QAM | 1 | 0 | 16.13 | 16.28 | 16.39 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.36 | 16.24 | 16.38 | | |
| 5 | 256QAM | 1 | 24 | 16.35 | 16.35 | 16.40 | | |
| 5 | 256QAM | 12 | 0 | 16.30 | 16.25 | 16.24 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.10 | 16.26 | 16.27 | | |
| 5 | 256QAM | 12 | 13 | 16.15 | 16.30 | 16.24 | | |
| 5 | 256QAM | 25 | 0 | 16.41 | 16.27 | 16.17 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 16.37 | 16.37 | 16.43 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.28 | 16.30 | 16.45 | | |
| 3 | QPSK | 1 | 14 | 16.28 | 16.28 | 16.38 | | |
| 3 | QPSK | 8 | 0 | 16.36 | 16.30 | 16.34 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.15 | 16.17 | 16.26 | | |
| 3 | QPSK | 8 | 7 | 16.21 | 16.34 | 16.15 | | |
| 3 | QPSK | 15 | 0 | 16.20 | 16.24 | 16.19 | | |
| 3 | 16QAM | 1 | 0 | 16.28 | 16.22 | 16.45 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.24 | 16.25 | 16.43 | | |
| 3 | 16QAM | 1 | 14 | 16.41 | 16.47 | 16.35 | | |
| 3 | 16QAM | 8 | 0 | 16.43 | 16.32 | 16.27 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.30 | 16.20 | 16.31 | | |
| 3 | 16QAM | 8 | 7 | 16.21 | 16.35 | 16.19 | | |
| 3 | 16QAM | 15 | 0 | 16.32 | 16.18 | 16.18 | | |
| 3 | 64QAM | 1 | 0 | 16.28 | 16.29 | 16.33 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.27 | 16.21 | 16.34 | | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.36 | 16.36 | | |
| 3 | 64QAM | 8 | 0 | 16.36 | 16.37 | 16.22 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.32 | 16.24 | 16.34 | | |
| 3 | 64QAM | 8 | 7 | 16.31 | 16.30 | 16.23 | | |
| 3 | 64QAM | 15 | 0 | 16.28 | 16.19 | 16.19 | | |
| 3 | 256QAM | 1 | 0 | 16.10 | 16.26 | 16.39 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.31 | 16.31 | 16.39 | | |
| 3 | 256QAM | 1 | 14 | 16.37 | 16.38 | 16.45 | | |
| 3 | 256QAM | 8 | 0 | 16.30 | 16.20 | 16.18 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.21 | 16.14 | 16.22 | | |
| 3 | 256QAM | 8 | 7 | 16.19 | 16.41 | 16.31 | | |
| 3 | 256QAM | 15 | 0 | 16.43 | 16.31 | 16.18 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.31 | 16.31 | 16.41 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.29 | 16.25 | 16.44 | | |
| 1.4 | QPSK | 1 | 5 | 16.35 | 16.33 | 16.34 | | |
| 1.4 | QPSK | 3 | 0 | 16.37 | 16.30 | 16.31 | | |
| 1.4 | QPSK | 3 | 1 | 16.10 | 16.13 | 16.21 | | |
| 1.4 | QPSK | 3 | 3 | 16.20 | 16.31 | 16.22 | | |
| 1.4 | QPSK | 6 | 0 | 16.20 | 16.36 | 16.17 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.20 | 16.17 | 16.44 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.28 | 16.26 | 16.48 | | |
| 1.4 | 16QAM | 1 | 5 | 16.32 | 16.46 | 16.46 | | |
| 1.4 | 16QAM | 3 | 0 | 16.35 | 16.40 | 16.31 | | |
| 1.4 | 16QAM | 3 | 1 | 16.23 | 16.17 | 16.34 | | |
| 1.4 | 16QAM | 3 | 3 | 16.12 | 16.24 | 16.20 | | |
| 1.4 | 16QAM | 6 | 0 | 16.38 | 16.16 | 16.15 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.28 | 16.27 | 16.31 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.29 | 16.30 | 16.38 | | |
| 1.4 | 64QAM | 1 | 5 | 16.31 | 16.46 | 16.37 | | |
| 1.4 | 64QAM | 3 | 0 | 16.33 | 16.39 | 16.24 | | |
| 1.4 | 64QAM | 3 | 1 | 16.31 | 16.23 | 16.36 | | |
| 1.4 | 64QAM | 3 | 3 | 16.20 | 16.39 | 16.20 | | |
| 1.4 | 64QAM | 6 | 0 | 16.26 | 16.21 | 16.13 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.18 | 16.21 | 16.32 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.34 | 16.33 | 16.37 | | |
| 1.4 | 256QAM | 1 | 5 | 16.37 | 16.32 | 16.35 | | |
| 1.4 | 256QAM | 3 | 0 | 16.33 | 16.21 | 16.16 | | |
| 1.4 | 256QAM | 3 | 1 | 16.16 | 16.16 | 16.25 | | |
| 1.4 | 256QAM | 3 | 3 | 16.16 | 16.33 | 16.21 | | |
| 1.4 | 256QAM | 6 | 0 | 16.31 | 16.34 | 16.14 | 18 | 0 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 18.87 | 18.97 | 18.96 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 18.81 | 18.88 | 18.95 | | |
| 20 | QPSK | 1 | 99 | 18.77 | 18.86 | 18.91 | | |
| 20 | QPSK | 50 | 0 | 18.84 | 18.91 | 18.90 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 18.71 | 18.73 | 18.87 | | |
| 20 | QPSK | 50 | 50 | 18.62 | 18.84 | 18.89 | | |
| 20 | QPSK | 100 | 0 | 18.81 | 18.85 | 18.84 | | |
| 20 | 16QAM | 1 | 0 | 18.72 | 18.87 | 18.95 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 18.72 | 18.76 | 18.93 | | |
| 20 | 16QAM | 1 | 99 | 18.70 | 18.79 | 18.81 | | |
| 20 | 16QAM | 50 | 0 | 18.74 | 18.94 | 18.83 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 18.79 | 18.83 | 18.88 | | |
| 20 | 16QAM | 50 | 50 | 18.77 | 18.80 | 18.89 | | |
| 20 | 16QAM | 100 | 0 | 18.74 | 18.73 | 18.83 | | |
| 20 | 64QAM | 1 | 0 | 18.75 | 18.82 | 18.91 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 18.68 | 18.75 | 18.92 | | |
| 20 | 64QAM | 1 | 99 | 18.63 | 18.85 | 18.79 | | |
| 20 | 64QAM | 50 | 0 | 18.81 | 18.92 | 18.89 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 18.86 | 18.80 | 18.92 | | |
| 20 | 64QAM | 50 | 50 | 18.79 | 18.73 | 18.82 | | |
| 20 | 64QAM | 100 | 0 | 18.72 | 18.79 | 18.85 | | |
| 20 | 256QAM | 1 | 0 | 17.66 | 17.78 | 17.81 | 19 | 1 |
| 20 | 256QAM | 1 | 49 | 17.77 | 17.75 | 17.83 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.67 | 17.75 | | |
| 20 | 256QAM | 50 | 0 | 17.68 | 17.77 | 17.82 | 19 | 1 |
| 20 | 256QAM | 50 | 24 | 17.84 | 17.79 | 17.77 | | |
| 20 | 256QAM | 50 | 50 | 17.78 | 17.72 | 17.76 | | |
| 20 | 256QAM | 100 | 0 | 17.65 | 17.69 | 17.72 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 18.82 | 18.88 | 18.84 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 18.69 | 18.73 | 18.94 | | |
| 15 | QPSK | 1 | 74 | 18.64 | 18.72 | 18.78 | | |
| 15 | QPSK | 36 | 0 | 18.77 | 18.88 | 18.88 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 18.67 | 18.72 | 18.85 | | |
| 15 | QPSK | 36 | 39 | 18.54 | 18.72 | 18.77 | | |
| 15 | QPSK | 75 | 0 | 18.80 | 18.73 | 18.70 | | |
| 15 | 16QAM | 1 | 0 | 18.65 | 18.77 | 18.85 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 18.57 | 18.73 | 18.84 | | |
| 15 | 16QAM | 1 | 74 | 18.55 | 18.75 | 18.78 | | |
| 15 | 16QAM | 36 | 0 | 18.69 | 18.88 | 18.81 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 18.73 | 18.73 | 18.74 | | |
| 15 | 16QAM | 36 | 39 | 18.67 | 18.76 | 18.75 | | |
| 15 | 16QAM | 75 | 0 | 18.68 | 18.66 | 18.76 | | |
| 15 | 64QAM | 1 | 0 | 18.73 | 18.78 | 18.87 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 18.63 | 18.64 | 18.91 | | |
| 15 | 64QAM | 1 | 74 | 18.59 | 18.82 | 18.66 | | |
| 15 | 64QAM | 36 | 0 | 18.80 | 18.79 | 18.85 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 18.83 | 18.79 | 18.77 | | |
| 15 | 64QAM | 36 | 39 | 18.70 | 18.61 | 18.70 | | |
| 15 | 64QAM | 75 | 0 | 18.59 | 18.78 | 18.80 | | |
| 15 | 256QAM | 1 | 0 | 17.23 | 17.28 | 17.32 | 19 | 1 |
| 15 | 256QAM | 1 | 37 | 17.31 | 17.38 | 17.37 | | |
| 15 | 256QAM | 1 | 74 | 17.21 | 17.43 | 17.42 | | |
| 15 | 256QAM | 36 | 0 | 17.20 | 17.32 | 17.28 | 19 | 1 |
| 15 | 256QAM | 36 | 20 | 17.41 | 17.40 | 17.35 | | |
| 15 | 256QAM | 36 | 39 | 17.36 | 17.45 | 17.50 | | |
| 15 | 256QAM | 75 | 0 | 17.33 | 17.36 | 17.44 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 18.84 | 18.85 | 18.93 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 18.74 | 18.74 | 18.82 | | |
| 10 | QPSK | 1 | 49 | 18.70 | 18.82 | 18.86 | | |
| 10 | QPSK | 25 | 0 | 18.70 | 18.81 | 18.84 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 18.66 | 18.60 | 18.74 | | |
| 10 | QPSK | 25 | 25 | 18.48 | 18.75 | 18.80 | | |
| 10 | QPSK | 50 | 0 | 18.69 | 18.71 | 18.83 | | |
| 10 | 16QAM | 1 | 0 | 18.66 | 18.86 | 18.94 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 18.64 | 18.74 | 18.89 | | |
| 10 | 16QAM | 1 | 49 | 18.67 | 18.78 | 18.80 | | |
| 10 | 16QAM | 25 | 0 | 18.72 | 18.85 | 18.80 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 18.67 | 18.78 | 18.86 | | |
| 10 | 16QAM | 25 | 25 | 18.72 | 18.69 | 18.77 | | |
| 10 | 16QAM | 50 | 0 | 18.67 | 18.66 | 18.76 | | |
| 10 | 64QAM | 1 | 0 | 18.67 | 18.73 | 18.86 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 18.58 | 18.70 | 18.83 | | |
| 10 | 64QAM | 1 | 49 | 18.50 | 18.83 | 18.68 | | |
| 10 | 64QAM | 25 | 0 | 18.68 | 18.80 | 18.82 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 18.82 | 18.74 | 18.77 | | |
| 10 | 64QAM | 25 | 25 | 18.67 | 18.70 | 18.73 | | |
| 10 | 64QAM | 50 | 0 | 18.69 | 18.76 | 18.82 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.35 | 17.40 | 19 | 1 |
| 10 | 256QAM | 1 | 25 | 17.34 | 17.39 | 17.39 | | |
| 10 | 256QAM | 1 | 49 | 17.27 | 17.41 | 17.28 | | |
| 10 | 256QAM | 25 | 0 | 17.18 | 17.38 | 17.36 | 19 | 1 |
| 10 | 256QAM | 25 | 12 | 17.32 | 17.43 | 17.23 | | |
| 10 | 256QAM | 25 | 25 | 17.31 | 17.52 | 17.49 | | |
| 10 | 256QAM | 50 | 0 | 17.35 | 17.47 | 17.45 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 18.80 | 18.80 | 18.83 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 18.69 | 18.76 | 18.86 | | |
| 5 | QPSK | 1 | 24 | 18.74 | 18.80 | 18.79 | | |
| 5 | QPSK | 12 | 0 | 18.78 | 18.79 | 18.81 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 18.68 | 18.72 | 18.83 | | |
| 5 | QPSK | 12 | 13 | 18.53 | 18.76 | 18.80 | | |
| 5 | QPSK | 25 | 0 | 18.71 | 18.76 | 18.69 | | |
| 5 | 16QAM | 1 | 0 | 18.64 | 18.72 | 18.80 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 18.68 | 18.65 | 18.79 | | |
| 5 | 16QAM | 1 | 24 | 18.68 | 18.78 | 18.74 | | |
| 5 | 16QAM | 12 | 0 | 18.59 | 18.86 | 18.78 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.78 | 18.81 | 18.77 | | |
| 5 | 16QAM | 12 | 13 | 18.73 | 18.71 | 18.85 | | |
| 5 | 16QAM | 25 | 0 | 18.66 | 18.71 | 18.81 | | |
| 5 | 64QAM | 1 | 0 | 18.61 | 18.70 | 18.80 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.63 | 18.65 | 18.86 | | |
| 5 | 64QAM | 1 | 24 | 18.50 | 18.77 | 18.75 | | |
| 5 | 64QAM | 12 | 0 | 18.72 | 18.86 | 18.77 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.71 | 18.70 | 18.86 | | |
| 5 | 64QAM | 12 | 13 | 18.75 | 18.62 | 18.69 | | |
| 5 | 64QAM | 25 | 0 | 18.59 | 18.67 | 18.79 | | |
| 5 | 256QAM | 1 | 0 | 17.29 | 17.41 | 17.37 | 19 | 1 |
| 5 | 256QAM | 1 | 12 | 17.32 | 17.45 | 17.33 | | |
| 5 | 256QAM | 1 | 24 | 17.20 | 17.43 | 17.36 | | |
| 5 | 256QAM | 12 | 0 | 17.15 | 17.34 | 17.37 | 19 | 1 |
| 5 | 256QAM | 12 | 7 | 17.36 | 17.36 | 17.27 | | |
| 5 | 256QAM | 12 | 13 | 17.30 | 17.53 | 17.50 | | |
| 5 | 256QAM | 25 | 0 | 17.29 | 17.39 | 17.45 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 18.83 | 18.87 | 18.94 | 20 | 0 |
| 3 | QPSK | 1 | 8 | 18.75 | 18.81 | 18.81 | | |
| 3 | QPSK | 1 | 14 | 18.65 | 18.71 | 18.81 | | |
| 3 | QPSK | 8 | 0 | 18.76 | 18.79 | 18.89 | 20 | 0 |
| 3 | QPSK | 8 | 4 | 18.65 | 18.63 | 18.80 | | |
| 3 | QPSK | 8 | 7 | 18.60 | 18.76 | 18.83 | | |
| 3 | QPSK | 15 | 0 | 18.76 | 18.70 | 18.78 | | |
| 3 | 16QAM | 1 | 0 | 18.57 | 18.80 | 18.84 | 20 | 0 |
| 3 | 16QAM | 1 | 8 | 18.65 | 18.74 | 18.89 | | |
| 3 | 16QAM | 1 | 14 | 18.61 | 18.72 | 18.74 | | |
| 3 | 16QAM | 8 | 0 | 18.66 | 18.92 | 18.82 | 20 | 0 |
| 3 | 16QAM | 8 | 4 | 18.68 | 18.74 | 18.80 | | |
| 3 | 16QAM | 8 | 7 | 18.69 | 18.71 | 18.88 | | |
| 3 | 16QAM | 15 | 0 | 18.64 | 18.61 | 18.70 | | |
| 3 | 64QAM | 1 | 0 | 18.71 | 18.72 | 18.78 | 20 | 0 |
| 3 | 64QAM | 1 | 8 | 18.63 | 18.62 | 18.82 | | |
| 3 | 64QAM | 1 | 14 | 18.50 | 18.83 | 18.73 | | |
| 3 | 64QAM | 8 | 0 | 18.71 | 18.84 | 18.80 | 20 | 0 |
| 3 | 64QAM | 8 | 4 | 18.80 | 18.69 | 18.87 | | |
| 3 | 64QAM | 8 | 7 | 18.68 | 18.71 | 18.74 | | |
| 3 | 64QAM | 15 | 0 | 18.70 | 18.66 | 18.74 | | |
| 3 | 256QAM | 1 | 0 | 17.25 | 17.34 | 17.29 | 19 | 1 |
| 3 | 256QAM | 1 | 8 | 17.27 | 17.38 | 17.39 | | |
| 3 | 256QAM | 1 | 14 | 17.28 | 17.46 | 17.38 | | |
| 3 | 256QAM | 8 | 0 | 17.19 | 17.33 | 17.37 | 19 | 1 |
| 3 | 256QAM | 8 | 4 | 17.28 | 17.40 | 17.30 | | |
| 3 | 256QAM | 8 | 7 | 17.39 | 17.48 | 17.40 | | |
| 3 | 256QAM | 15 | 0 | 17.42 | 17.36 | 17.47 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.77 | 18.82 | 18.82 | 20 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.72 | 18.74 | 18.88 | | |
| 1.4 | QPSK | 1 | 5 | 18.70 | 18.81 | 18.79 | | |
| 1.4 | QPSK | 3 | 0 | 18.75 | 18.85 | 18.86 | | |
| 1.4 | QPSK | 3 | 1 | 18.60 | 18.67 | 18.82 | | |
| 1.4 | QPSK | 3 | 3 | 18.52 | 18.74 | 18.79 | | |
| 1.4 | QPSK | 6 | 0 | 18.73 | 18.76 | 18.83 | 20 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.68 | 18.81 | 18.87 | 20 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.59 | 18.71 | 18.83 | | |
| 1.4 | 16QAM | 1 | 5 | 18.69 | 18.73 | 18.69 | | |
| 1.4 | 16QAM | 3 | 0 | 18.73 | 18.82 | 18.82 | | |
| 1.4 | 16QAM | 3 | 1 | 18.67 | 18.82 | 18.81 | | |
| 1.4 | 16QAM | 3 | 3 | 18.71 | 18.74 | 18.77 | | |
| 1.4 | 16QAM | 6 | 0 | 18.59 | 18.69 | 18.74 | 20 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.62 | 18.79 | 18.80 | 20 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.53 | 18.72 | 18.81 | | |
| 1.4 | 64QAM | 1 | 5 | 18.60 | 18.72 | 18.66 | | |
| 1.4 | 64QAM | 3 | 0 | 18.76 | 18.88 | 18.75 | | |
| 1.4 | 64QAM | 3 | 1 | 18.83 | 18.77 | 18.81 | | |
| 1.4 | 64QAM | 3 | 3 | 18.69 | 18.66 | 18.70 | | |
| 1.4 | 64QAM | 6 | 0 | 18.68 | 18.75 | 18.78 | 20 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.28 | 17.33 | 17.37 | 19 | 1 |
| 1.4 | 256QAM | 1 | 3 | 17.37 | 17.38 | 17.32 | | |
| 1.4 | 256QAM | 1 | 5 | 17.18 | 17.42 | 17.33 | | |
| 1.4 | 256QAM | 3 | 0 | 17.17 | 17.39 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.36 | 17.39 | 17.29 | | |
| 1.4 | 256QAM | 3 | 3 | 17.37 | 17.57 | 17.42 | | |
| 1.4 | 256QAM | 6 | 0 | 17.38 | 17.40 | 17.48 | 19 | 1 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 17.67 | 17.88 | 17.73 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.60 | 17.68 | 17.60 | | |
| 20 | QPSK | 1 | 99 | 17.54 | 17.55 | 17.61 | | |
| 20 | QPSK | 50 | 0 | 17.60 | 17.72 | 17.66 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.56 | 17.50 | 17.58 | | |
| 20 | QPSK | 50 | 50 | 17.55 | 17.61 | 17.60 | | |
| 20 | QPSK | 100 | 0 | 17.52 | 17.62 | 17.55 | | |
| 20 | 16QAM | 1 | 0 | 17.57 | 17.55 | 17.63 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.55 | 17.54 | 17.62 | | |
| 20 | 16QAM | 1 | 99 | 17.53 | 17.62 | 17.70 | | |
| 20 | 16QAM | 50 | 0 | 17.50 | 17.53 | 17.65 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.60 | 17.64 | 17.72 | | |
| 20 | 16QAM | 50 | 50 | 17.54 | 17.61 | 17.64 | | |
| 20 | 16QAM | 100 | 0 | 17.54 | 17.73 | 17.65 | | |
| 20 | 64QAM | 1 | 0 | 17.69 | 17.70 | 17.77 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.66 | 17.74 | 17.72 | | |
| 20 | 64QAM | 1 | 99 | 17.53 | 17.58 | 17.61 | | |
| 20 | 64QAM | 50 | 0 | 17.60 | 17.64 | 17.72 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.61 | 17.66 | 17.72 | | |
| 20 | 64QAM | 50 | 50 | 17.74 | 17.69 | 17.73 | | |
| 20 | 64QAM | 100 | 0 | 17.62 | 17.65 | 17.71 | | |
| 20 | 256QAM | 1 | 0 | 17.20 | 17.22 | 17.37 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.16 | 17.21 | 17.18 | | |
| 20 | 256QAM | 1 | 99 | 17.35 | 17.23 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.34 | 17.38 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.24 | 17.33 | | |
| 20 | 256QAM | 50 | 50 | 17.27 | 17.26 | 17.31 | | |
| 20 | 256QAM | 100 | 0 | 17.22 | 17.22 | 17.37 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 17.64 | 17.75 | 17.69 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.55 | 17.63 | 17.55 | | |
| 15 | QPSK | 1 | 74 | 17.51 | 17.59 | 17.57 | | |
| 15 | QPSK | 36 | 0 | 17.56 | 17.69 | 17.59 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.52 | 17.58 | 17.53 | | |
| 15 | QPSK | 36 | 39 | 17.50 | 17.60 | 17.59 | | |
| 15 | QPSK | 75 | 0 | 17.54 | 17.58 | 17.51 | | |
| 15 | 16QAM | 1 | 0 | 17.54 | 17.50 | 17.54 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.57 | 17.51 | 17.57 | | |
| 15 | 16QAM | 1 | 74 | 17.53 | 17.51 | 17.69 | | |
| 15 | 16QAM | 36 | 0 | 17.56 | 17.51 | 17.57 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.53 | 17.61 | 17.66 | | |
| 15 | 16QAM | 36 | 39 | 17.52 | 17.55 | 17.53 | | |
| 15 | 16QAM | 75 | 0 | 17.51 | 17.70 | 17.53 | | |
| 15 | 64QAM | 1 | 0 | 17.59 | 17.59 | 17.74 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.59 | 17.69 | 17.60 | | |
| 15 | 64QAM | 1 | 74 | 17.52 | 17.53 | 17.57 | | |
| 15 | 64QAM | 36 | 0 | 17.56 | 17.63 | 17.60 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.56 | 17.63 | 17.59 | | |
| 15 | 64QAM | 36 | 39 | 17.62 | 17.64 | 17.70 | | |
| 15 | 64QAM | 75 | 0 | 17.55 | 17.63 | 17.59 | | |
| 15 | 256QAM | 1 | 0 | 17.16 | 17.17 | 17.34 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.12 | 17.09 | 17.07 | | |
| 15 | 256QAM | 1 | 74 | 17.26 | 17.14 | 17.30 | | |
| 15 | 256QAM | 36 | 0 | 17.15 | 17.23 | 17.29 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.10 | 17.14 | 17.21 | | |
| 15 | 256QAM | 36 | 39 | 17.16 | 17.17 | 17.23 | | |
| 15 | 256QAM | 75 | 0 | 17.15 | 17.19 | 17.25 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 17.65 | 17.73 | 17.64 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.56 | 17.61 | 17.56 | | |
| 10 | QPSK | 1 | 49 | 17.52 | 17.51 | 17.60 | | |
| 10 | QPSK | 25 | 0 | 17.58 | 17.63 | 17.55 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.58 | 17.54 | 17.50 | | |
| 10 | QPSK | 25 | 25 | 17.57 | 17.54 | 17.58 | | |
| 10 | QPSK | 50 | 0 | 17.59 | 17.59 | 17.54 | | |
| 10 | 16QAM | 1 | 0 | 17.55 | 17.52 | 17.53 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.52 | 17.50 | 17.52 | | |
| 10 | 16QAM | 1 | 49 | 17.52 | 17.51 | 17.63 | | |
| 10 | 16QAM | 25 | 0 | 17.57 | 17.56 | 17.60 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.56 | 17.54 | 17.66 | | |
| 10 | 16QAM | 25 | 25 | 17.59 | 17.58 | 17.57 | | |
| 10 | 16QAM | 50 | 0 | 17.51 | 17.66 | 17.51 | | |
| 10 | 64QAM | 1 | 0 | 17.58 | 17.62 | 17.73 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.62 | 17.77 | 17.60 | | |
| 10 | 64QAM | 1 | 49 | 17.53 | 17.56 | 17.55 | | |
| 10 | 64QAM | 25 | 0 | 17.52 | 17.55 | 17.60 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.59 | 17.52 | 17.58 | | |
| 10 | 64QAM | 25 | 25 | 17.62 | 17.57 | 17.72 | | |
| 10 | 64QAM | 50 | 0 | 17.61 | 17.62 | 17.63 | | |
| 10 | 256QAM | 1 | 0 | 17.17 | 17.18 | 17.28 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.06 | 17.18 | 17.08 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.11 | 17.28 | | |
| 10 | 256QAM | 25 | 0 | 17.21 | 17.30 | 17.28 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.07 | 17.14 | 17.26 | | |
| 10 | 256QAM | 25 | 25 | 17.20 | 17.21 | 17.25 | | |
| 10 | 256QAM | 50 | 0 | 17.14 | 17.12 | 17.35 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 17.52 | 17.86 | 17.70 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.55 | 17.57 | 17.54 | | |
| 5 | QPSK | 1 | 24 | 17.55 | 17.53 | 17.57 | | |
| 5 | QPSK | 12 | 0 | 17.58 | 17.69 | 17.64 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.53 | 17.56 | 17.57 | | |
| 5 | QPSK | 12 | 13 | 17.51 | 17.58 | 17.59 | | |
| 5 | QPSK | 25 | 0 | 17.55 | 17.50 | 17.57 | | |
| 5 | 16QAM | 1 | 0 | 17.52 | 17.53 | 17.53 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.53 | 17.53 | 17.56 | | |
| 5 | 16QAM | 1 | 24 | 17.59 | 17.59 | 17.66 | | |
| 5 | 16QAM | 12 | 0 | 17.57 | 17.53 | 17.60 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.55 | 17.54 | 17.63 | | |
| 5 | 16QAM | 12 | 13 | 17.51 | 17.52 | 17.62 | | |
| 5 | 16QAM | 25 | 0 | 17.53 | 17.69 | 17.63 | | |
| 5 | 64QAM | 1 | 0 | 17.67 | 17.59 | 17.65 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.64 | 17.66 | 17.57 | | |
| 5 | 64QAM | 1 | 24 | 17.59 | 17.54 | 17.59 | | |
| 5 | 64QAM | 12 | 0 | 17.57 | 17.61 | 17.59 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.58 | 17.53 | 17.61 | | |
| 5 | 64QAM | 12 | 13 | 17.71 | 17.60 | 17.67 | | |
| 5 | 64QAM | 25 | 0 | 17.52 | 17.51 | 17.62 | | |
| 5 | 256QAM | 1 | 0 | 17.08 | 17.19 | 17.34 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.13 | 17.18 | 17.07 | | |
| 5 | 256QAM | 1 | 24 | 17.28 | 17.15 | 17.34 | | |
| 5 | 256QAM | 12 | 0 | 17.21 | 17.22 | 17.31 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.07 | 17.16 | 17.30 | | |
| 5 | 256QAM | 12 | 13 | 17.20 | 17.14 | 17.26 | | |
| 5 | 256QAM | 25 | 0 | 17.17 | 17.14 | 17.27 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 17.53 | 17.74 | 17.63 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.59 | 17.59 | 17.56 | | |
| 3 | QPSK | 1 | 14 | 17.51 | 17.53 | 17.57 | | |
| 3 | QPSK | 8 | 0 | 17.50 | 17.61 | 17.58 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.53 | 17.55 | 17.51 | | |
| 3 | QPSK | 8 | 7 | 17.52 | 17.52 | 17.57 | | |
| 3 | QPSK | 15 | 0 | 17.54 | 17.59 | 17.54 | | |
| 3 | 16QAM | 1 | 0 | 17.54 | 17.52 | 17.60 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.51 | 17.50 | 17.57 | | |
| 3 | 16QAM | 1 | 14 | 17.57 | 17.60 | 17.57 | | |
| 3 | 16QAM | 8 | 0 | 17.54 | 17.57 | 17.61 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.55 | 17.52 | 17.64 | | |
| 3 | 16QAM | 8 | 7 | 17.58 | 17.56 | 17.51 | | |
| 3 | 16QAM | 15 | 0 | 17.50 | 17.66 | 17.64 | | |
| 3 | 64QAM | 1 | 0 | 17.60 | 17.62 | 17.67 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.54 | 17.60 | 17.57 | | |
| 3 | 64QAM | 1 | 14 | 17.52 | 17.57 | 17.52 | | |
| 3 | 64QAM | 8 | 0 | 17.55 | 17.61 | 17.66 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.51 | 17.58 | 17.59 | | |
| 3 | 64QAM | 8 | 7 | 17.73 | 17.66 | 17.72 | | |
| 3 | 64QAM | 15 | 0 | 17.53 | 17.55 | 17.56 | | |
| 3 | 256QAM | 1 | 0 | 17.08 | 17.12 | 17.30 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.06 | 17.16 | 17.07 | | |
| 3 | 256QAM | 1 | 14 | 17.31 | 17.17 | 17.27 | | |
| 3 | 256QAM | 8 | 0 | 17.15 | 17.25 | 17.30 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.08 | 17.14 | 17.21 | | |
| 3 | 256QAM | 8 | 7 | 17.21 | 17.23 | 17.26 | | |
| 3 | 256QAM | 15 | 0 | 17.10 | 17.10 | 17.27 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.64 | 17.82 | 17.65 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.56 | 17.53 | 17.54 | | |
| 1.4 | QPSK | 1 | 5 | 17.51 | 17.55 | 17.50 | | |
| 1.4 | QPSK | 3 | 0 | 17.58 | 17.58 | 17.58 | | |
| 1.4 | QPSK | 3 | 1 | 17.57 | 17.55 | 17.54 | | |
| 1.4 | QPSK | 3 | 3 | 17.53 | 17.56 | 17.59 | | |
| 1.4 | QPSK | 6 | 0 | 17.51 | 17.52 | 17.56 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.58 | 17.57 | 17.62 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.59 | 17.55 | 17.59 | | |
| 1.4 | 16QAM | 1 | 5 | 17.51 | 17.55 | 17.56 | | |
| 1.4 | 16QAM | 3 | 0 | 17.54 | 17.59 | 17.54 | | |
| 1.4 | 16QAM | 3 | 1 | 17.50 | 17.59 | 17.63 | | |
| 1.4 | 16QAM | 3 | 3 | 17.51 | 17.59 | 17.53 | | |
| 1.4 | 16QAM | 6 | 0 | 17.52 | 17.64 | 17.57 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.54 | 17.61 | 17.62 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.64 | 17.67 | 17.70 | | |
| 1.4 | 64QAM | 1 | 5 | 17.56 | 17.58 | 17.56 | | |
| 1.4 | 64QAM | 3 | 0 | 17.58 | 17.63 | 17.63 | | |
| 1.4 | 64QAM | 3 | 1 | 17.58 | 17.65 | 17.64 | | |
| 1.4 | 64QAM | 3 | 3 | 17.59 | 17.67 | 17.65 | | |
| 1.4 | 64QAM | 6 | 0 | 17.60 | 17.51 | 17.63 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.18 | 17.18 | 17.35 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.13 | 17.09 | 17.12 | | |
| 1.4 | 256QAM | 1 | 5 | 17.33 | 17.20 | 17.31 | | |
| 1.4 | 256QAM | 3 | 0 | 17.16 | 17.26 | 17.34 | | |
| 1.4 | 256QAM | 3 | 1 | 17.11 | 17.13 | 17.30 | | |
| 1.4 | 256QAM | 3 | 3 | 17.20 | 17.21 | 17.27 | | |
| 1.4 | 256QAM | 6 | 0 | 17.19 | 17.13 | 17.28 | 19 | 0.5 |

## Band 4_Ant 4

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 18.03 | 18.05 | 18.04 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.92 | 17.99 | 18.00 | | |
| 20 | QPSK | 1 | 99 | 17.96 | 17.97 | 18.03 | | |
| 20 | QPSK | 50 | 0 | 17.91 | 18.04 | 17.98 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.88 | 17.85 | 17.96 | | |
| 20 | QPSK | 50 | 50 | 17.84 | 17.96 | 17.93 | | |
| 20 | QPSK | 100 | 0 | 17.89 | 18.00 | 17.92 | | |
| 20 | 16QAM | 1 | 0 | 17.88 | 17.93 | 17.98 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.88 | 17.95 | 17.99 | | |
| 20 | 16QAM | 1 | 99 | 17.96 | 17.99 | 17.92 | | |
| 20 | 16QAM | 50 | 0 | 17.83 | 17.94 | 17.98 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.90 | 17.89 | 17.97 | | |
| 20 | 16QAM | 50 | 50 | 17.95 | 17.99 | 17.98 | | |
| 20 | 16QAM | 100 | 0 | 17.78 | 17.85 | 17.87 | | |
| 20 | 64QAM | 1 | 0 | 17.90 | 17.85 | 17.89 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.91 | 17.95 | 17.96 | | |
| 20 | 64QAM | 1 | 99 | 17.91 | 17.98 | 17.96 | | |
| 20 | 64QAM | 50 | 0 | 17.88 | 17.85 | 17.88 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.96 | 17.94 | 17.96 | | |
| 20 | 64QAM | 50 | 50 | 17.90 | 17.85 | 17.91 | | |
| 20 | 64QAM | 100 | 0 | 17.90 | 17.89 | 17.88 | | |
| 20 | 256QAM | 1 | 0 | 17.51 | 17.40 | 17.40 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.37 | 17.48 | 17.37 | | |
| 20 | 256QAM | 1 | 99 | 17.41 | 17.34 | 17.43 | | |
| 20 | 256QAM | 50 | 0 | 17.30 | 17.50 | 17.40 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.28 | 17.33 | 17.37 | | |
| 20 | 256QAM | 50 | 50 | 17.25 | 17.42 | 17.28 | | |
| 20 | 256QAM | 100 | 0 | 17.26 | 17.39 | 17.36 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 18.02 | 17.97 | 17.94 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.78 | 17.90 | 17.94 | | |
| 15 | QPSK | 1 | 74 | 17.91 | 17.87 | 18.02 | | |
| 15 | QPSK | 36 | 0 | 17.81 | 17.98 | 17.89 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.75 | 17.75 | 17.85 | | |
| 15 | QPSK | 36 | 39 | 17.76 | 17.82 | 17.80 | | |
| 15 | QPSK | 75 | 0 | 17.78 | 17.96 | 17.91 | | |
| 15 | 16QAM | 1 | 0 | 17.78 | 17.84 | 17.83 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.87 | 17.85 | 17.97 | | |
| 15 | 16QAM | 1 | 74 | 17.86 | 17.92 | 17.79 | | |
| 15 | 16QAM | 36 | 0 | 17.80 | 17.88 | 17.84 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.82 | 17.81 | 17.87 | | |
| 15 | 16QAM | 36 | 39 | 17.80 | 17.85 | 17.97 | | |
| 15 | 16QAM | 75 | 0 | 17.70 | 17.78 | 17.79 | | |
| 15 | 64QAM | 1 | 0 | 17.87 | 17.81 | 17.74 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.77 | 17.83 | 17.90 | | |
| 15 | 64QAM | 1 | 74 | 17.85 | 17.93 | 17.82 | | |
| 15 | 64QAM | 36 | 0 | 17.80 | 17.84 | 17.83 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.84 | 17.88 | 17.94 | | |
| 15 | 64QAM | 36 | 39 | 17.83 | 17.78 | 17.78 | | |
| 15 | 64QAM | 75 | 0 | 17.86 | 17.80 | 17.84 | | |
| 15 | 256QAM | 1 | 0 | 17.50 | 17.32 | 17.25 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.23 | 17.37 | 17.33 | | |
| 15 | 256QAM | 1 | 74 | 17.38 | 17.20 | 17.30 | | |
| 15 | 256QAM | 36 | 0 | 17.28 | 17.48 | 17.38 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.17 | 17.21 | 17.29 | | |
| 15 | 256QAM | 36 | 39 | 17.20 | 17.30 | 17.24 | | |
| 15 | 256QAM | 75 | 0 | 17.25 | 17.34 | 17.31 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 17.98 | 17.91 | 17.97 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.85 | 17.94 | 17.92 | | |
| 10 | QPSK | 1 | 49 | 17.81 | 17.83 | 18.00 | | |
| 10 | QPSK | 25 | 0 | 17.79 | 17.94 | 17.97 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.86 | 17.75 | 17.93 | | |
| 10 | QPSK | 25 | 25 | 17.71 | 17.86 | 17.88 | | |
| 10 | QPSK | 50 | 0 | 17.85 | 17.97 | 17.80 | | |
| 10 | 16QAM | 1 | 0 | 17.85 | 17.91 | 17.84 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.75 | 17.91 | 17.85 | | |
| 10 | 16QAM | 1 | 49 | 17.93 | 17.95 | 17.89 | | |
| 10 | 16QAM | 25 | 0 | 17.81 | 17.81 | 17.97 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.87 | 17.79 | 17.95 | | |
| 10 | 16QAM | 25 | 25 | 17.85 | 17.92 | 17.87 | | |
| 10 | 16QAM | 50 | 0 | 17.77 | 17.77 | 17.72 | | |
| 10 | 64QAM | 1 | 0 | 17.89 | 17.78 | 17.87 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.84 | 17.92 | 17.89 | | |
| 10 | 64QAM | 1 | 49 | 17.88 | 17.97 | 17.87 | | |
| 10 | 64QAM | 25 | 0 | 17.83 | 17.77 | 17.86 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.86 | 17.92 | 17.86 | | |
| 10 | 64QAM | 25 | 25 | 17.81 | 17.72 | 17.89 | | |
| 10 | 64QAM | 50 | 0 | 17.79 | 17.85 | 17.79 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.33 | 17.33 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.24 | 17.35 | 17.24 | | |
| 10 | 256QAM | 1 | 49 | 17.39 | 17.24 | 17.38 | | |
| 10 | 256QAM | 25 | 0 | 17.18 | 17.49 | 17.32 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.13 | 17.22 | 17.24 | | |
| 10 | 256QAM | 25 | 25 | 17.23 | 17.34 | 17.25 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.33 | 17.26 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 18.02 | 17.97 | 17.98 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.79 | 17.89 | 17.98 | | |
| 5 | QPSK | 1 | 24 | 17.81 | 17.83 | 17.89 | | |
| 5 | QPSK | 12 | 0 | 17.79 | 18.01 | 17.88 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.73 | 17.84 | 17.87 | | |
| 5 | QPSK | 12 | 13 | 17.74 | 17.81 | 17.84 | | |
| 5 | QPSK | 25 | 0 | 17.87 | 17.94 | 17.78 | | |
| 5 | 16QAM | 1 | 0 | 17.79 | 17.89 | 17.88 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.87 | 17.86 | 17.94 | | |
| 5 | 16QAM | 1 | 24 | 17.88 | 17.96 | 17.78 | | |
| 5 | 16QAM | 12 | 0 | 17.82 | 17.84 | 17.84 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.80 | 17.76 | 17.90 | | |
| 5 | 16QAM | 12 | 13 | 17.92 | 17.98 | 17.83 | | |
| 5 | 16QAM | 25 | 0 | 17.75 | 17.72 | 17.76 | | |
| 5 | 64QAM | 1 | 0 | 17.82 | 17.80 | 17.79 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.78 | 17.83 | 17.82 | | |
| 5 | 64QAM | 1 | 24 | 17.79 | 17.83 | 17.87 | | |
| 5 | 64QAM | 12 | 0 | 17.85 | 17.71 | 17.87 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.90 | 17.82 | 17.91 | | |
| 5 | 64QAM | 12 | 13 | 17.89 | 17.74 | 17.79 | | |
| 5 | 64QAM | 25 | 0 | 17.76 | 17.88 | 17.73 | | |
| 5 | 256QAM | 1 | 0 | 17.50 | 17.38 | 17.26 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.34 | 17.29 | | |
| 5 | 256QAM | 1 | 24 | 17.35 | 17.24 | 17.31 | | |
| 5 | 256QAM | 12 | 0 | 17.15 | 17.38 | 17.29 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.19 | 17.22 | 17.23 | | |
| 5 | 256QAM | 12 | 13 | 17.16 | 17.36 | 17.21 | | |
| 5 | 256QAM | 25 | 0 | 17.15 | 17.32 | 17.31 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 17.98 | 17.90 | 17.93 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.80 | 17.93 | 17.90 | | |
| 3 | QPSK | 1 | 14 | 17.91 | 17.85 | 17.93 | | |
| 3 | QPSK | 8 | 0 | 17.90 | 17.96 | 17.92 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.86 | 17.82 | 17.87 | | |
| 3 | QPSK | 8 | 7 | 17.72 | 17.87 | 17.80 | | |
| 3 | QPSK | 15 | 0 | 17.74 | 17.95 | 17.82 | | |
| 3 | 16QAM | 1 | 0 | 17.73 | 17.85 | 17.90 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.73 | 17.87 | 17.90 | | |
| 3 | 16QAM | 1 | 14 | 17.94 | 17.92 | 17.77 | | |
| 3 | 16QAM | 8 | 0 | 17.77 | 17.80 | 17.92 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.89 | 17.88 | 17.94 | | |
| 3 | 16QAM | 8 | 7 | 17.92 | 17.96 | 17.87 | | |
| 3 | 16QAM | 15 | 0 | 17.85 | 17.78 | 17.72 | | |
| 3 | 64QAM | 1 | 0 | 17.78 | 17.84 | 17.85 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.82 | 17.88 | 17.94 | | |
| 3 | 64QAM | 1 | 14 | 17.79 | 17.92 | 17.85 | | |
| 3 | 64QAM | 8 | 0 | 17.77 | 17.77 | 17.81 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.92 | 17.79 | 17.92 | | |
| 3 | 64QAM | 8 | 7 | 17.81 | 17.76 | 17.78 | | |
| 3 | 64QAM | 15 | 0 | 17.87 | 17.87 | 17.84 | | |
| 3 | 256QAM | 1 | 0 | 17.42 | 17.29 | 17.26 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.32 | 17.43 | 17.30 | | |
| 3 | 256QAM | 1 | 14 | 17.26 | 17.24 | 17.33 | | |
| 3 | 256QAM | 8 | 0 | 17.16 | 17.47 | 17.27 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.19 | 17.27 | 17.30 | | |
| 3 | 256QAM | 8 | 7 | 17.24 | 17.36 | 17.24 | | |
| 3 | 256QAM | 15 | 0 | 17.16 | 17.30 | 17.23 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.02 | 18.00 | 18.03 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.88 | 17.96 | 17.96 | | |
| 1.4 | QPSK | 1 | 5 | 17.88 | 17.87 | 17.88 | | |
| 1.4 | QPSK | 3 | 0 | 17.84 | 17.90 | 17.89 | | |
| 1.4 | QPSK | 3 | 1 | 17.75 | 17.71 | 17.95 | | |
| 1.4 | QPSK | 3 | 3 | 17.83 | 17.85 | 17.82 | | |
| 1.4 | QPSK | 6 | 0 | 17.85 | 17.88 | 17.88 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.82 | 17.84 | 17.84 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.77 | 17.84 | 17.88 | | |
| 1.4 | 16QAM | 1 | 5 | 17.90 | 17.91 | 17.81 | | |
| 1.4 | 16QAM | 3 | 0 | 17.76 | 17.90 | 17.93 | | |
| 1.4 | 16QAM | 3 | 1 | 17.89 | 17.77 | 17.88 | | |
| 1.4 | 16QAM | 3 | 3 | 17.92 | 17.89 | 17.83 | | |
| 1.4 | 16QAM | 6 | 0 | 17.75 | 17.84 | 17.77 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.84 | 17.75 | 17.78 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.86 | 17.94 | 17.81 | | |
| 1.4 | 64QAM | 1 | 5 | 17.78 | 17.93 | 17.82 | | |
| 1.4 | 64QAM | 3 | 0 | 17.83 | 17.84 | 17.87 | | |
| 1.4 | 64QAM | 3 | 1 | 17.81 | 17.81 | 17.90 | | |
| 1.4 | 64QAM | 3 | 3 | 17.85 | 17.79 | 17.84 | | |
| 1.4 | 64QAM | 6 | 0 | 17.88 | 17.84 | 17.80 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.49 | 17.27 | 17.29 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.23 | 17.37 | 17.28 | | |
| 1.4 | 256QAM | 1 | 5 | 17.35 | 17.23 | 17.32 | | |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.49 | 17.27 | | |
| 1.4 | 256QAM | 3 | 1 | 17.22 | 17.21 | 17.23 | | |
| 1.4 | 256QAM | 3 | 3 | 17.14 | 17.32 | 17.20 | | |
| 1.4 | 256QAM | 6 | 0 | 17.12 | 17.25 | 17.35 | 19 | 0.5 |

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.58 | 21.59 | 21.47 | 23.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.57 | 21.53 | 21.46 | | |
| 10 | QPSK | 1 | 49 | 21.47 | 21.41 | 21.40 | | |
| 10 | QPSK | 25 | 0 | 21.55 | 21.57 | 21.48 | 23 | 0.2 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.44 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.55 | 21.29 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.56 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.57 | 21.52 | 21.52 | 23 | 0.2 |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.45 | 21.53 | | |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.52 | 21.55 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 1.2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.70 | 22 | 1.2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.81 | 19.67 | 19.75 | 21 | 2.2 |
| 10 | 64QAM | 25 | 12 | 19.85 | 19.73 | 19.75 | | |
| 10 | 64QAM | 25 | 25 | 19.68 | 19.80 | 19.67 | | |
| 10 | 64QAM | 50 | 0 | 19.76 | 19.69 | 19.60 | | |
| 10 | 256QAM | 1 | 0 | 17.95 | 17.75 | 17.82 | 19 | 4.2 |
| 10 | 256QAM | 1 | 25 | 17.93 | 17.84 | 17.81 | | |
| 10 | 256QAM | 1 | 49 | 17.96 | 17.84 | 17.88 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.89 | 17.82 | 19 | 4.2 |
| 10 | 256QAM | 25 | 12 | 17.84 | 17.89 | 17.77 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.76 | 17.72 | | |
| 10 | 256QAM | 50 | 0 | 17.93 | 17.79 | 17.93 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.55 | 21.53 | 21.44 | 23.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.49 | 21.41 | 21.40 | | |
| 5 | QPSK | 1 | 24 | 21.39 | 21.29 | 21.36 | | |
| 5 | QPSK | 12 | 0 | 21.50 | 21.50 | 21.37 | 23 | 0.2 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.38 | 21.43 | | |
| 5 | QPSK | 12 | 13 | 21.33 | 21.51 | 21.24 | | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.51 | 21.46 | | |
| 5 | 16QAM | 1 | 0 | 21.47 | 21.43 | 21.44 | 23 | 0.2 |
| 5 | 16QAM | 1 | 12 | 21.46 | 21.41 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.53 | 21.40 | 21.50 | | |
| 5 | 16QAM | 12 | 0 | 20.53 | 20.37 | 20.44 | 22 | 1.2 |
| 5 | 16QAM | 12 | 7 | 20.45 | 20.47 | 20.33 | | |
| 5 | 16QAM | 12 | 13 | 20.33 | 20.36 | 20.39 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.44 | 20.32 | | |
| 5 | 64QAM | 1 | 0 | 20.46 | 20.49 | 20.64 | 22 | 1.2 |
| 5 | 64QAM | 1 | 12 | 20.39 | 20.54 | 20.55 | | |
| 5 | 64QAM | 1 | 24 | 20.48 | 20.62 | 20.50 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.64 | 19.71 | 21 | 2.2 |
| 5 | 64QAM | 12 | 7 | 19.76 | 19.64 | 19.74 | | |
| 5 | 64QAM | 12 | 13 | 19.60 | 19.76 | 19.63 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.55 | 19.54 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 17.63 | 17.78 | 19 | 4.2 |
| 5 | 256QAM | 1 | 12 | 17.83 | 17.69 | 17.74 | | |
| 5 | 256QAM | 1 | 24 | 17.91 | 17.74 | 17.86 | | |
| 5 | 256QAM | 12 | 0 | 17.83 | 17.79 | 17.75 | 19 | 4.2 |
| 5 | 256QAM | 12 | 7 | 17.78 | 17.83 | 17.66 | | |
| 5 | 256QAM | 12 | 13 | 17.77 | 17.66 | 17.64 | | |
| 5 | 256QAM | 25 | 0 | 17.79 | 17.76 | 17.91 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.50 | 21.55 | 21.43 | 23.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.49 | 21.47 | 21.44 | | |
| 3 | QPSK | 1 | 14 | 21.37 | 21.32 | 21.33 | | |
| 3 | QPSK | 8 | 0 | 21.43 | 21.54 | 21.37 | 23 | 0.2 |
| 3 | QPSK | 8 | 4 | 21.48 | 21.37 | 21.34 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.53 | 21.18 | | |
| 3 | QPSK | 15 | 0 | 21.48 | 21.47 | 21.46 | | |
| 3 | 16QAM | 1 | 0 | 21.52 | 21.43 | 21.46 | 23 | 0.2 |
| 3 | 16QAM | 1 | 8 | 21.49 | 21.42 | 21.43 | | |
| 3 | 16QAM | 1 | 14 | 21.43 | 21.50 | 21.51 | | |
| 3 | 16QAM | 8 | 0 | 20.58 | 20.46 | 20.47 | 22 | 1.2 |
| 3 | 16QAM | 8 | 4 | 20.49 | 20.33 | 20.47 | | |
| 3 | 16QAM | 8 | 7 | 20.38 | 20.31 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.38 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.50 | 20.60 | 20.61 | 22 | 1.2 |
| 3 | 64QAM | 1 | 8 | 20.47 | 20.49 | 20.58 | | |
| 3 | 64QAM | 1 | 14 | 20.58 | 20.68 | 20.49 | | |
| 3 | 64QAM | 8 | 0 | 19.76 | 19.66 | 19.69 | 21 | 2.2 |
| 3 | 64QAM | 8 | 4 | 19.83 | 19.58 | 19.60 | | |
| 3 | 64QAM | 8 | 7 | 19.63 | 19.65 | 19.60 | | |
| 3 | 64QAM | 15 | 0 | 19.68 | 19.62 | 19.51 | | |
| 3 | 256QAM | 1 | 0 | 17.93 | 17.60 | 17.80 | 19 | 4.2 |
| 3 | 256QAM | 1 | 8 | 17.90 | 17.75 | 17.69 | | |
| 3 | 256QAM | 1 | 14 | 17.91 | 17.69 | 17.79 | | |
| 3 | 256QAM | 8 | 0 | 17.90 | 17.84 | 17.73 | 19 | 4.2 |
| 3 | 256QAM | 8 | 4 | 17.69 | 17.88 | 17.66 | | |
| 3 | 256QAM | 8 | 7 | 17.72 | 17.75 | 17.69 | | |
| 3 | 256QAM | 15 | 0 | 17.79 | 17.73 | 17.83 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.50 | 21.48 | 21.35 | 23.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.54 | 21.47 | 21.39 | | |
| 1.4 | QPSK | 1 | 5 | 21.43 | 21.31 | 21.30 | | |
| 1.4 | QPSK | 3 | 0 | 21.51 | 21.55 | 21.46 | | |
| 1.4 | QPSK | 3 | 1 | 21.50 | 21.35 | 21.37 | | |
| 1.4 | QPSK | 3 | 3 | 21.32 | 21.52 | 21.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.51 | 21.50 | 21.39 | 23 | 0.2 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.42 | 21.47 | 23 | 0.2 |
| 1.4 | 16QAM | 1 | 3 | 21.39 | 21.36 | 21.43 | | |
| 1.4 | 16QAM | 1 | 5 | 21.47 | 21.41 | 21.51 | | |
| 1.4 | 16QAM | 3 | 0 | 21.50 | 21.46 | 21.47 | | |
| 1.4 | 16QAM | 3 | 1 | 21.38 | 21.37 | 21.38 | | |
| 1.4 | 16QAM | 3 | 3 | 21.42 | 21.45 | 21.50 | | |
| 1.4 | 16QAM | 6 | 0 | 20.53 | 20.36 | 20.43 | 22 | 1.2 |
| 1.4 | 64QAM | 1 | 0 | 20.48 | 20.52 | 20.67 | 22 | 1.2 |
| 1.4 | 64QAM | 1 | 3 | 20.38 | 20.55 | 20.64 | | |
| 1.4 | 64QAM | 1 | 5 | 20.47 | 20.64 | 20.58 | | |
| 1.4 | 64QAM | 3 | 0 | 20.48 | 20.49 | 20.67 | | |
| 1.4 | 64QAM | 3 | 1 | 20.42 | 20.55 | 20.68 | | |
| 1.4 | 64QAM | 3 | 3 | 20.51 | 20.68 | 20.62 | | |
| 1.4 | 64QAM | 6 | 0 | 19.73 | 19.61 | 19.56 | 21 | 2.2 |
| 1.4 | 256QAM | 1 | 0 | 17.85 | 17.64 | 17.67 | 19 | 4.2 |
| 1.4 | 256QAM | 1 | 3 | 17.85 | 17.74 | 17.76 | | |
| 1.4 | 256QAM | 1 | 5 | 17.94 | 17.83 | 17.86 | | |
| 1.4 | 256QAM | 3 | 0 | 17.83 | 17.78 | 17.73 | | |
| 1.4 | 256QAM | 3 | 1 | 17.71 | 17.86 | 17.66 | | |
| 1.4 | 256QAM | 3 | 3 | 17.75 | 17.61 | 17.70 | | |
| 1.4 | 256QAM | 6 | 0 | 17.81 | 17.72 | 17.81 | 19 | 4.2 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.35 | 22.42 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.25 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.14 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.29 | 21.37 | 21.22 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.27 | 21.24 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.19 | 21.20 | | |
| 10 | QPSK | 50 | 0 | 21.26 | 21.30 | 21.21 | | |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.24 | 21.44 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.55 | 21.46 | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.25 | 21.44 | | |
| 10 | 16QAM | 25 | 0 | 20.25 | 20.30 | 20.27 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.30 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.25 | 20.27 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.27 | 20.20 | | |
| 10 | 64QAM | 1 | 0 | 20.24 | 20.54 | 20.61 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.60 | 20.31 | 20.46 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.23 | 20.50 | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.38 | 19.17 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.27 | 19.27 | 19.28 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.30 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.30 | 19.27 | 19.22 | | |
| 10 | 256QAM | 1 | 0 | 17.32 | 17.40 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.31 | 17.38 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.18 | 17.30 | 17.23 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.33 | 17.26 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.27 | 17.36 | 17.28 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.33 | 17.24 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.72 | 17.62 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.27 | 22.30 | 22.22 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.13 | 22.15 | 22.22 | | |
| 5 | QPSK | 1 | 24 | 22.09 | 22.08 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.33 | 21.13 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.20 | 21.15 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.16 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.15 | | |
| 5 | 16QAM | 1 | 0 | 21.45 | 21.12 | 21.38 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.41 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 24 | 21.43 | 21.13 | 21.41 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.26 | 20.18 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.19 | 20.26 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.17 | 20.22 | 20.18 | | |
| 5 | 16QAM | 25 | 0 | 20.21 | 20.24 | 20.11 | | |
| 5 | 64QAM | 1 | 0 | 20.16 | 20.47 | 20.53 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.23 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.21 | 20.18 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.33 | 19.11 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.19 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.21 | 19.18 | 19.21 | | |
| 5 | 64QAM | 25 | 0 | 19.21 | 19.18 | 19.11 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.23 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.27 | 17.26 | 17.19 | | |
| 5 | 256QAM | 1 | 24 | 17.09 | 17.27 | 17.21 | | |
| 5 | 256QAM | 12 | 0 | 17.19 | 17.29 | 17.16 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.33 | 17.26 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.25 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.61 | 17.52 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.30 | 22.37 | 22.18 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.20 | 22.18 | | |
| 3 | QPSK | 1 | 14 | 22.07 | 22.03 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.25 | 21.18 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.18 | 21.14 | 21.14 | | |
| 3 | QPSK | 8 | 7 | 21.11 | 21.15 | 21.15 | | |
| 3 | QPSK | 15 | 0 | 21.19 | 21.24 | 21.11 | | |
| 3 | 16QAM | 1 | 0 | 21.51 | 21.17 | 21.42 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.39 | 21.43 | 21.39 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.22 | 21.34 | | |
| 3 | 16QAM | 8 | 0 | 20.17 | 20.24 | 20.18 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.13 | 20.22 | 20.13 | | |
| 3 | 16QAM | 8 | 7 | 20.16 | 20.23 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.23 | 20.18 | 20.09 | | |
| 3 | 64QAM | 1 | 0 | 20.17 | 20.47 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.50 | 20.24 | 20.39 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.11 | 20.41 | | |
| 3 | 64QAM | 8 | 0 | 19.23 | 19.35 | 19.13 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.21 | 19.20 | 19.26 | | |
| 3 | 64QAM | 8 | 7 | 19.22 | 19.26 | 19.18 | | |
| 3 | 64QAM | 15 | 0 | 19.27 | 19.20 | 19.19 | | |
| 3 | 256QAM | 1 | 0 | 17.22 | 17.35 | 17.21 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.23 | 17.35 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.09 | 17.26 | 17.18 | | |
| 3 | 256QAM | 8 | 0 | 17.10 | 17.21 | 17.24 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.21 | 17.28 | 17.21 | | |
| 3 | 256QAM | 8 | 7 | 17.18 | 17.22 | 17.15 | | |
| 3 | 256QAM | 15 | 0 | 17.49 | 17.65 | 17.52 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.24 | 22.35 | 22.22 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.17 | 22.20 | 22.19 | | |
| 1.4 | QPSK | 1 | 5 | 22.04 | 22.08 | 22.09 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.29 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.13 | 22.15 | 22.08 | | |
| 1.4 | QPSK | 3 | 3 | 22.00 | 22.00 | 22.04 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.27 | 21.19 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.13 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.47 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.44 | 21.17 | 21.41 | | |
| 1.4 | 16QAM | 3 | 0 | 21.37 | 21.01 | 21.29 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.38 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 21.32 | 21.06 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.18 | 20.19 | 20.15 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.43 | 20.52 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.23 | 20.42 | | |
| 1.4 | 64QAM | 1 | 5 | 20.25 | 20.21 | 20.41 | | |
| 1.4 | 64QAM | 3 | 0 | 20.09 | 20.37 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.51 | 20.19 | 20.37 | | |
| 1.4 | 64QAM | 3 | 3 | 20.20 | 20.09 | 20.31 | | |
| 1.4 | 64QAM | 6 | 0 | 19.24 | 19.23 | 19.10 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.24 | 17.36 | 17.22 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.23 | 17.34 | 17.28 | | |
| 1.4 | 256QAM | 1 | 5 | 17.07 | 17.20 | 17.16 | | |
| 1.4 | 256QAM | 3 | 0 | 17.15 | 17.24 | 17.23 | | |
| 1.4 | 256QAM | 3 | 1 | 17.24 | 17.27 | 17.22 | | |
| 1.4 | 256QAM | 3 | 3 | 17.20 | 17.25 | 17.18 | | |
| 1.4 | 256QAM | 6 | 0 | 17.56 | 17.70 | 17.58 | 19 | 5 |

## Band 7_Ant 1

| 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 | 17.99 | 18.00 | 17.90 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.74 | 17.73 | 17.75 | | |
| 20 | QPSK | 1 | 99 | 17.91 | 17.89 | 17.74 | | |
| 20 | QPSK | 50 | 0 | 17.87 | 17.94 | 17.92 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.67 | 17.58 | 17.74 | | |
| 20 | QPSK | 50 | 50 | 17.69 | 17.83 | 17.66 | | |
| 20 | QPSK | 100 | 0 | 17.93 | 17.95 | 17.86 | | |
| 20 | 16QAM | 1 | 0 | 17.97 | 17.93 | 17.93 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.76 | 17.76 | 17.68 | | |
| 20 | 16QAM | 1 | 99 | 17.82 | 17.94 | 17.85 | | |
| 20 | 16QAM | 50 | 0 | 17.92 | 17.89 | 17.78 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.65 | 17.61 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.72 | 17.82 | 17.60 | | |
| 20 | 16QAM | 100 | 0 | 17.90 | 17.91 | 17.89 | | |
| 20 | 64QAM | 1 | 0 | 17.95 | 17.99 | 17.88 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.79 | 17.76 | 17.78 | | |
| 20 | 64QAM | 1 | 99 | 17.94 | 17.85 | 17.83 | | |
| 20 | 64QAM | 50 | 0 | 17.79 | 17.94 | 17.90 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.69 | 17.67 | 17.68 | | |
| 20 | 64QAM | 50 | 50 | 17.68 | 17.79 | 17.72 | | |
| 20 | 64QAM | 100 | 0 | 17.82 | 17.95 | 17.83 | | |
| 20 | 256QAM | 1 | 0 | 17.43 | 17.40 | 17.44 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.25 | 17.27 | 17.15 | | |
| 20 | 256QAM | 1 | 99 | 17.45 | 17.44 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.31 | 17.44 | 17.36 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.08 | 17.11 | | |
| 20 | 256QAM | 50 | 50 | 17.21 | 17.35 | 17.23 | | |
| 20 | 256QAM | 100 | 0 | 17.33 | 17.35 | 17.31 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 17.92 | 17.98 | 17.86 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.68 | 17.59 | 17.63 | | |
| 15 | QPSK | 1 | 74 | 17.79 | 17.84 | 17.62 | | |
| 15 | QPSK | 36 | 0 | 17.74 | 17.85 | 17.79 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.54 | 17.53 | 17.65 | | |
| 15 | QPSK | 36 | 39 | 17.54 | 17.78 | 17.56 | | |
| 15 | QPSK | 75 | 0 | 17.90 | 17.88 | 17.85 | | |
| 15 | 16QAM | 1 | 0 | 17.86 | 17.81 | 17.91 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.75 | 17.74 | 17.61 | | |
| 15 | 16QAM | 1 | 74 | 17.69 | 17.87 | 17.73 | | |
| 15 | 16QAM | 36 | 0 | 17.91 | 17.85 | 17.65 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.54 | 17.55 | 17.60 | | |
| 15 | 16QAM | 36 | 39 | 17.63 | 17.79 | 17.50 | | |
| 15 | 16QAM | 75 | 0 | 17.76 | 17.90 | 17.87 | | |
| 15 | 64QAM | 1 | 0 | 17.90 | 17.84 | 17.76 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.69 | 17.65 | 17.73 | | |
| 15 | 64QAM | 1 | 74 | 17.84 | 17.78 | 17.80 | | |
| 15 | 64QAM | 36 | 0 | 17.72 | 17.88 | 17.87 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.67 | 17.64 | 17.58 | | |
| 15 | 64QAM | 36 | 39 | 17.59 | 17.66 | 17.61 | | |
| 15 | 64QAM | 75 | 0 | 17.78 | 17.88 | 17.80 | | |
| 15 | 256QAM | 1 | 0 | 17.31 | 17.37 | 17.29 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.10 | 17.16 | 17.12 | | |
| 15 | 256QAM | 1 | 74 | 17.40 | 17.29 | 17.26 | | |
| 15 | 256QAM | 36 | 0 | 17.23 | 17.37 | 17.29 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.03 | 17.04 | 17.06 | | |
| 15 | 256QAM | 36 | 39 | 17.14 | 17.24 | 17.22 | | |
| 15 | 256QAM | 75 | 0 | 17.30 | 17.27 | 17.29 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 17.90 | 17.89 | 17.84 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.60 | 17.58 | 17.70 | | |
| 10 | QPSK | 1 | 49 | 17.87 | 17.84 | 17.61 | | |
| 10 | QPSK | 25 | 0 | 17.84 | 17.93 | 17.82 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.54 | 17.54 | 17.64 | | |
| 10 | QPSK | 25 | 25 | 17.66 | 17.76 | 17.60 | | |
| 10 | QPSK | 50 | 0 | 17.87 | 17.80 | 17.84 | | |
| 10 | 16QAM | 1 | 0 | 17.89 | 17.78 | 17.85 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.69 | 17.70 | 17.61 | | |
| 10 | 16QAM | 1 | 49 | 17.78 | 17.84 | 17.74 | | |
| 10 | 16QAM | 25 | 0 | 17.82 | 17.74 | 17.63 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.62 | 17.58 | 17.65 | | |
| 10 | 16QAM | 25 | 25 | 17.69 | 17.80 | 17.59 | | |
| 10 | 16QAM | 50 | 0 | 17.85 | 17.84 | 17.74 | | |
| 10 | 64QAM | 1 | 0 | 17.80 | 17.90 | 17.80 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.77 | 17.62 | 17.68 | | |
| 10 | 64QAM | 1 | 49 | 17.82 | 17.84 | 17.81 | | |
| 10 | 64QAM | 25 | 0 | 17.76 | 17.82 | 17.83 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.64 | 17.61 | 17.63 | | |
| 10 | 64QAM | 25 | 25 | 17.54 | 17.71 | 17.64 | | |
| 10 | 64QAM | 50 | 0 | 17.69 | 17.81 | 17.76 | | |
| 10 | 256QAM | 1 | 0 | 17.28 | 17.35 | 17.43 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.18 | 17.21 | 17.14 | | |
| 10 | 256QAM | 1 | 49 | 17.31 | 17.42 | 17.29 | | |
| 10 | 256QAM | 25 | 0 | 17.24 | 17.32 | 17.34 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.03 | 17.08 | 17.00 | | |
| 10 | 256QAM | 25 | 25 | 17.08 | 17.29 | 17.10 | | |
| 10 | 256QAM | 50 | 0 | 17.31 | 17.21 | 17.20 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 17.94 | 17.96 | 17.88 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.69 | 17.66 | 17.63 | | |
| 5 | QPSK | 1 | 24 | 17.86 | 17.86 | 17.64 | | |
| 5 | QPSK | 12 | 0 | 17.80 | 17.82 | 17.78 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.54 | 17.58 | 17.65 | | |
| 5 | QPSK | 12 | 13 | 17.61 | 17.80 | 17.54 | | |
| 5 | QPSK | 25 | 0 | 17.91 | 17.86 | 17.71 | | |
| 5 | 16QAM | 1 | 0 | 17.88 | 17.88 | 17.84 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.71 | 17.68 | 17.64 | | |
| 5 | 16QAM | 1 | 24 | 17.81 | 17.86 | 17.75 | | |
| 5 | 16QAM | 12 | 0 | 17.88 | 17.80 | 17.63 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.59 | 17.53 | 17.63 | | |
| 5 | 16QAM | 12 | 13 | 17.59 | 17.79 | 17.55 | | |
| 5 | 16QAM | 25 | 0 | 17.81 | 17.76 | 17.83 | | |
| 5 | 64QAM | 1 | 0 | 17.90 | 17.85 | 17.85 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.76 | 17.71 | 17.64 | | |
| 5 | 64QAM | 1 | 24 | 17.85 | 17.72 | 17.71 | | |
| 5 | 64QAM | 12 | 0 | 17.67 | 17.89 | 17.79 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.55 | 17.58 | 17.56 | | |
| 5 | 64QAM | 12 | 13 | 17.62 | 17.69 | 17.69 | | |
| 5 | 64QAM | 25 | 0 | 17.68 | 17.86 | 17.77 | | |
| 5 | 256QAM | 1 | 0 | 17.31 | 17.38 | 17.42 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.11 | 17.15 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.41 | 17.39 | 17.23 | | |
| 5 | 256QAM | 12 | 0 | 17.26 | 17.43 | 17.30 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.09 | 17.04 | 17.01 | | |
| 5 | 256QAM | 12 | 13 | 17.17 | 17.28 | 17.22 | | |
| 5 | 256QAM | 25 | 0 | 17.20 | 17.33 | 17.29 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.39 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.54 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.51 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.89 | 21.86 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.62 | 21.69 | 21.80 | | |
| 10 | 16QAM | 1 | 49 | 21.90 | 21.75 | 21.85 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.56 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.55 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.52 | 20.48 | 20.53 | | |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.60 | 20.57 | | |
| 10 | 64QAM | 1 | 0 | 20.73 | 20.68 | 20.46 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.62 | 20.58 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.84 | 20.75 | 20.88 | | |
| 10 | 64QAM | 25 | 0 | 19.53 | 19.51 | 19.45 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.57 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.57 | 19.51 | 19.52 | | |
| 10 | 64QAM | 50 | 0 | 19.67 | 19.48 | 19.63 | | |
| 10 | 256QAM | 1 | 0 | 17.59 | 17.69 | 17.78 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.53 | 17.55 | 17.57 | | |
| 10 | 256QAM | 1 | 49 | 17.62 | 17.59 | 17.72 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.62 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.62 | 17.73 | | |
| 10 | 256QAM | 25 | 25 | 17.62 | 17.64 | 17.61 | | |
| 10 | 256QAM | 50 | 0 | 17.65 | 17.63 | 17.69 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.43 | 22.54 | 22.51 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.29 | 22.41 | | |
| 5 | QPSK | 1 | 24 | 22.40 | 22.41 | 22.14 | | |
| 5 | QPSK | 12 | 0 | 21.49 | 21.66 | 21.51 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.57 | 21.47 | 21.47 | | |
| 5 | QPSK | 12 | 13 | 21.48 | 21.40 | 21.55 | | |
| 5 | QPSK | 25 | 0 | 21.40 | 21.45 | 21.43 | | |
| 5 | 16QAM | 1 | 0 | 21.65 | 21.92 | 21.86 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.56 | 21.72 | 21.73 | | |
| 5 | 16QAM | 1 | 24 | 21.84 | 21.74 | 21.78 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.61 | 20.44 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.53 | 20.56 | 20.57 | | |
| 5 | 16QAM | 12 | 13 | 20.50 | 20.50 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.59 | 20.62 | | |
| 5 | 64QAM | 1 | 0 | 20.67 | 20.71 | 20.51 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.59 | 20.59 | 20.63 | | |
| 5 | 64QAM | 1 | 24 | 20.82 | 20.68 | 20.92 | | |
| 5 | 64QAM | 12 | 0 | 19.55 | 19.49 | 19.43 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.71 | 19.47 | 19.47 | | |
| 5 | 64QAM | 12 | 13 | 19.52 | 19.56 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.46 | 19.66 | | |
| 5 | 256QAM | 1 | 0 | 17.57 | 17.74 | 17.76 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.50 | 17.51 | 17.62 | | |
| 5 | 256QAM | 1 | 24 | 17.67 | 17.55 | 17.77 | | |
| 5 | 256QAM | 12 | 0 | 17.64 | 17.55 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.67 | 17.70 | | |
| 5 | 256QAM | 12 | 13 | 17.63 | 17.66 | 17.60 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.61 | 17.63 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.50 | 22.48 | 22.52 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.42 | 22.44 | 22.46 | | |
| 3 | QPSK | 1 | 14 | 22.43 | 22.43 | 22.23 | | |
| 3 | QPSK | 8 | 0 | 21.44 | 21.56 | 21.48 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.49 | 21.54 | 21.37 | | |
| 3 | QPSK | 8 | 7 | 21.51 | 21.37 | 21.48 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.46 | 21.49 | | |
| 3 | 16QAM | 1 | 0 | 21.75 | 21.93 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.62 | 21.60 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.95 | 21.71 | 21.86 | | |
| 3 | 16QAM | 8 | 0 | 20.37 | 20.59 | 20.53 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.50 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.52 | 20.49 | | |
| 3 | 16QAM | 15 | 0 | 20.50 | 20.55 | 20.61 | | |
| 3 | 64QAM | 1 | 0 | 20.64 | 20.64 | 20.36 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.56 | 20.51 | 20.67 | | |
| 3 | 64QAM | 1 | 14 | 20.86 | 20.68 | 20.82 | | |
| 3 | 64QAM | 8 | 0 | 19.52 | 19.46 | 19.46 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.61 | 19.52 | 19.48 | | |
| 3 | 64QAM | 8 | 7 | 19.49 | 19.41 | 19.44 | | |
| 3 | 64QAM | 15 | 0 | 19.68 | 19.43 | 19.55 | | |
| 3 | 256QAM | 1 | 0 | 17.62 | 17.71 | 17.70 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.53 | 17.60 | 17.57 | | |
| 3 | 256QAM | 1 | 14 | 17.60 | 17.59 | 17.76 | | |
| 3 | 256QAM | 8 | 0 | 17.77 | 17.66 | 17.51 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.72 | 17.55 | 17.66 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.59 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.61 | 17.55 | 17.74 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.48 | 22.42 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.35 | 22.44 | 22.49 | | |
| 1.4 | QPSK | 1 | 5 | 22.42 | 22.33 | 22.13 | | |
| 1.4 | QPSK | 3 | 0 | 22.30 | 22.48 | 22.36 | | |
| 1.4 | QPSK | 3 | 1 | 22.36 | 22.33 | 22.24 | | |
| 1.4 | QPSK | 3 | 3 | 22.35 | 22.29 | 22.31 | | |
| 1.4 | QPSK | 6 | 0 | 21.40 | 21.48 | 21.43 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.72 | 21.87 | 21.89 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.53 | 21.70 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.80 | 21.71 | 21.76 | | |
| 1.4 | 16QAM | 3 | 0 | 21.39 | 21.55 | 21.48 | | |
| 1.4 | 16QAM | 3 | 1 | 21.65 | 21.52 | 21.58 | | |
| 1.4 | 16QAM | 3 | 3 | 21.53 | 21.51 | 21.45 | | |
| 1.4 | 16QAM | 6 | 0 | 20.50 | 20.56 | 20.54 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.76 | 20.58 | 20.41 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.67 | 20.54 | 20.58 | | |
| 1.4 | 64QAM | 1 | 5 | 20.85 | 20.75 | 20.89 | | |
| 1.4 | 64QAM | 3 | 0 | 20.43 | 20.41 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.71 | 20.58 | 20.50 | | |
| 1.4 | 64QAM | 3 | 3 | 20.55 | 20.52 | 20.57 | | |
| 1.4 | 64QAM | 6 | 0 | 19.62 | 19.50 | 19.56 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.65 | 17.76 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.45 | 17.51 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.61 | 17.59 | 17.69 | | |
| 1.4 | 256QAM | 3 | 0 | 17.77 | 17.58 | 17.57 | | |
| 1.4 | 256QAM | 3 | 1 | 17.67 | 17.65 | 17.78 | | |
| 1.4 | 256QAM | 3 | 3 | 17.59 | 17.63 | 17.62 | | |
| 1.4 | 256QAM | 6 | 0 | 17.62 | 17.59 | 17.67 | 19 | 5 |

## Band 12_Ant 4

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.37 | 22.55 | 22.30 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.32 | 22.38 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.24 | 22.23 | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.64 | 21.45 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.39 | 21.46 | 21.34 | | |
| 10 | QPSK | 25 | 25 | 21.36 | 21.48 | 21.40 | | |
| 10 | QPSK | 50 | 0 | 21.32 | 21.46 | 21.32 | | |
| 10 | 16QAM | 1 | 0 | 21.58 | 21.66 | 21.81 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.76 | 21.51 | 21.72 | | |
| 10 | 16QAM | 1 | 49 | 21.75 | 21.56 | 21.91 | | |
| 10 | 16QAM | 25 | 0 | 20.41 | 20.47 | 20.30 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.39 | 20.35 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.45 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.36 | 20.40 | | |
| 10 | 64QAM | 1 | 0 | 20.71 | 20.68 | 20.76 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.46 | 20.44 | 20.42 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.47 | 20.42 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.47 | 19.44 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.56 | 19.35 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.47 | 19.40 | | |
| 10 | 64QAM | 50 | 0 | 19.45 | 19.42 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.64 | 17.51 | 17.41 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.41 | 17.45 | 17.50 | | |
| 10 | 256QAM | 1 | 49 | 17.55 | 17.45 | 17.48 | | |
| 10 | 256QAM | 25 | 0 | 17.39 | 17.44 | 17.59 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.57 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.32 | 17.42 | 17.39 | | |
| 10 | 256QAM | 50 | 0 | 17.57 | 17.58 | 17.71 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.50 | 22.34 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.35 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.02 | 22.23 | 22.22 | | |
| 5 | QPSK | 12 | 0 | 21.35 | 21.64 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.31 | 21.45 | 21.24 | | |
| 5 | QPSK | 12 | 13 | 21.27 | 21.42 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.43 | 21.23 | | |
| 5 | 16QAM | 1 | 0 | 21.50 | 21.67 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.68 | 21.50 | 21.74 | | |
| 5 | 16QAM | 1 | 24 | 21.68 | 21.46 | 21.96 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.40 | 20.29 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.32 | 20.31 | 20.49 | | |
| 5 | 16QAM | 12 | 13 | 20.48 | 20.36 | 20.34 | | |
| 5 | 16QAM | 25 | 0 | 20.49 | 20.30 | 20.40 | | |
| 5 | 64QAM | 1 | 0 | 20.61 | 20.72 | 20.73 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.51 | 20.38 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.44 | 20.41 | 20.39 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.39 | 19.42 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.59 | 19.33 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.49 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.36 | 19.48 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.49 | 17.35 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.36 | 17.41 | | |
| 5 | 256QAM | 1 | 24 | 17.53 | 17.47 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.34 | 17.34 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.61 | 17.62 | 17.63 | | |
| 5 | 256QAM | 12 | 13 | 17.28 | 17.40 | 17.32 | | |
| 5 | 256QAM | 25 | 0 | 17.59 | 17.57 | 17.71 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 22.39 | 22.45 | 22.30 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.33 | 22.40 | 22.16 | | |
| 3 | QPSK | 1 | 14 | 22.02 | 22.16 | 22.20 | | |
| 3 | QPSK | 8 | 0 | 21.39 | 21.68 | 21.45 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.43 | 21.50 | 21.24 | | |
| 3 | QPSK | 8 | 7 | 21.33 | 21.43 | 21.42 | | |
| 3 | QPSK | 15 | 0 | 21.35 | 21.49 | 21.27 | | |
| 3 | 16QAM | 1 | 0 | 21.60 | 21.56 | 21.71 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.72 | 21.42 | 21.67 | | |
| 3 | 16QAM | 1 | 14 | 21.65 | 21.48 | 21.89 | | |
| 3 | 16QAM | 8 | 0 | 20.35 | 20.47 | 20.29 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.37 | 20.26 | 20.49 | | |
| 3 | 16QAM | 8 | 7 | 20.53 | 20.45 | 20.34 | | |
| 3 | 16QAM | 15 | 0 | 20.39 | 20.32 | 20.31 | | |
| 3 | 64QAM | 1 | 0 | 20.72 | 20.63 | 20.77 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.44 | 20.36 | 20.43 | | |
| 3 | 64QAM | 1 | 14 | 20.48 | 20.37 | 20.45 | | |
| 3 | 64QAM | 8 | 0 | 19.53 | 19.37 | 19.43 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.54 | 19.26 | 19.58 | | |
| 3 | 64QAM | 8 | 7 | 19.46 | 19.44 | 19.43 | | |
| 3 | 64QAM | 15 | 0 | 19.39 | 19.44 | 19.44 | | |
| 3 | 256QAM | 1 | 0 | 17.61 | 17.45 | 17.45 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.35 | 17.38 | 17.41 | | |
| 3 | 256QAM | 1 | 14 | 17.57 | 17.41 | 17.50 | | |
| 3 | 256QAM | 8 | 0 | 17.33 | 17.37 | 17.64 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.73 | 17.52 | 17.53 | | |
| 3 | 256QAM | 8 | 7 | 17.35 | 17.47 | 17.30 | | |
| 3 | 256QAM | 15 | 0 | 17.56 | 17.58 | 17.63 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.41 | 22.50 | 22.20 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.23 | 22.37 | 22.21 | | |
| 1.4 | QPSK | 1 | 5 | 22.15 | 22.17 | 22.19 | | |
| 1.4 | QPSK | 3 | 0 | 22.22 | 22.41 | 22.24 | | |
| 1.4 | QPSK | 3 | 1 | 22.10 | 22.17 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.11 | 22.25 | 22.11 | | |
| 1.4 | QPSK | 6 | 0 | 21.26 | 21.42 | 21.30 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.53 | 21.65 | 21.82 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.76 | 21.54 | 21.72 | | |
| 1.4 | 16QAM | 1 | 5 | 21.76 | 21.58 | 21.85 | | |
| 1.4 | 16QAM | 3 | 0 | 21.32 | 21.51 | 21.35 | | |
| 1.4 | 16QAM | 3 | 1 | 21.31 | 21.35 | 21.52 | | |
| 1.4 | 16QAM | 3 | 3 | 21.51 | 21.46 | 21.34 | | |
| 1.4 | 16QAM | 6 | 0 | 20.40 | 20.32 | 20.35 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.66 | 20.66 | 20.68 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.42 | 20.44 | 20.41 | | |
| 1.4 | 64QAM | 1 | 5 | 20.48 | 20.47 | 20.32 | | |
| 1.4 | 64QAM | 3 | 0 | 20.45 | 20.38 | 20.41 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.32 | 20.55 | | |
| 1.4 | 64QAM | 3 | 3 | 20.38 | 20.47 | 20.45 | | |
| 1.4 | 64QAM | 6 | 0 | 19.41 | 19.33 | 19.44 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.41 | 17.43 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.46 | 17.40 | 17.52 | | |
| 1.4 | 256QAM | 1 | 5 | 17.53 | 17.40 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.40 | 17.35 | 17.49 | | |
| 1.4 | 256QAM | 3 | 1 | 17.63 | 17.61 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.36 | 17.33 | 17.34 | | |
| 1.4 | 256QAM | 6 | 0 | 17.48 | 17.59 | 17.71 | 19 | 5 |

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.61 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.66 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.28 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.46 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.38 | | |
| 5 | 16QAM | 25 | 0 | 20.46 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.40 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.65 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.40 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.49 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.42 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.59 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.10 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.59 | 21.50 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.76 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.49 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.30 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.63 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.58 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.48 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 16.53 | 16.54 | 16.51 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.44 | 16.37 | 16.47 | | |
| 20 | QPSK | 1 | 99 | 16.45 | 16.35 | 16.37 | | |
| 20 | QPSK | 50 | 0 | 16.43 | 16.45 | 16.41 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.28 | 16.33 | 16.35 | | |
| 20 | QPSK | 50 | 50 | 16.42 | 16.30 | 16.40 | | |
| 20 | QPSK | 100 | 0 | 16.37 | 16.42 | 16.29 | | |
| 20 | 16QAM | 1 | 0 | 16.37 | 16.42 | 16.28 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.37 | 16.42 | 16.29 | | |
| 20 | 16QAM | 1 | 99 | 16.37 | 16.42 | 16.29 | | |
| 20 | 16QAM | 50 | 0 | 16.39 | 16.39 | 16.40 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.39 | 16.37 | 16.38 | | |
| 20 | 16QAM | 50 | 50 | 16.36 | 16.39 | 16.40 | | |
| 20 | 16QAM | 100 | 0 | 16.37 | 16.31 | 16.31 | | |
| 20 | 64QAM | 1 | 0 | 16.39 | 16.33 | 16.33 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.29 | 16.43 | 16.30 | | |
| 20 | 64QAM | 1 | 99 | 16.28 | 16.39 | 16.31 | | |
| 20 | 64QAM | 50 | 0 | 16.36 | 16.32 | 16.38 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.39 | 16.38 | 16.34 | | |
| 20 | 64QAM | 50 | 50 | 16.31 | 16.44 | 16.32 | | |
| 20 | 64QAM | 100 | 0 | 16.42 | 16.37 | 16.35 | | |
| 20 | 256QAM | 1 | 0 | 16.35 | 16.44 | 16.39 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.33 | 16.43 | 16.30 | | |
| 20 | 256QAM | 1 | 99 | 16.36 | 16.39 | 16.34 | | |
| 20 | 256QAM | 50 | 0 | 16.42 | 16.43 | 16.37 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.42 | 16.38 | 16.27 | | |
| 20 | 256QAM | 50 | 50 | 16.36 | 16.43 | 16.28 | | |
| 20 | 256QAM | 100 | 0 | 16.40 | 16.40 | 16.35 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 16.38 | 16.46 | 16.47 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.42 | 16.23 | 16.34 | | |
| 15 | QPSK | 1 | 74 | 16.40 | 16.32 | 16.28 | | |
| 15 | QPSK | 36 | 0 | 16.31 | 16.38 | 16.37 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.21 | 16.23 | 16.32 | | |
| 15 | QPSK | 36 | 39 | 16.36 | 16.20 | 16.38 | | |
| 15 | QPSK | 75 | 0 | 16.22 | 16.34 | 16.25 | | |
| 15 | 16QAM | 1 | 0 | 16.22 | 16.29 | 16.28 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.34 | 16.28 | 16.22 | | |
| 15 | 16QAM | 1 | 74 | 16.32 | 16.41 | 16.24 | | |
| 15 | 16QAM | 36 | 0 | 16.32 | 16.36 | 16.36 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.29 | 16.36 | 16.28 | | |
| 15 | 16QAM | 36 | 39 | 16.24 | 16.31 | 16.25 | | |
| 15 | 16QAM | 75 | 0 | 16.22 | 16.27 | 16.20 | | |
| 15 | 64QAM | 1 | 0 | 16.26 | 16.22 | 16.18 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.22 | 16.45 | 16.18 | | |
| 15 | 64QAM | 1 | 74 | 16.18 | 16.24 | 16.27 | | |
| 15 | 64QAM | 36 | 0 | 16.27 | 16.20 | 16.26 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.34 | 16.32 | 16.32 | | |
| 15 | 64QAM | 36 | 39 | 16.17 | 16.43 | 16.31 | | |
| 15 | 64QAM | 75 | 0 | 16.28 | 16.33 | 16.24 | | |
| 15 | 256QAM | 1 | 0 | 16.30 | 16.36 | 16.37 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.28 | 16.36 | 16.28 | | |
| 15 | 256QAM | 1 | 74 | 16.22 | 16.30 | 16.28 | | |
| 15 | 256QAM | 36 | 0 | 16.41 | 16.30 | 16.28 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.37 | 16.32 | 16.17 | | |
| 15 | 256QAM | 36 | 39 | 16.34 | 16.33 | 16.23 | | |
| 15 | 256QAM | 75 | 0 | 16.31 | 16.31 | 16.24 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 16.48 | 16.43 | 16.40 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.42 | 16.23 | 16.38 | | |
| 10 | QPSK | 1 | 49 | 16.32 | 16.22 | 16.34 | | |
| 10 | QPSK | 25 | 0 | 16.35 | 16.31 | 16.38 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.26 | 16.30 | 16.28 | | |
| 10 | QPSK | 25 | 25 | 16.30 | 16.25 | 16.27 | | |
| 10 | QPSK | 50 | 0 | 16.36 | 16.38 | 16.24 | | |
| 10 | 16QAM | 1 | 0 | 16.36 | 16.34 | 16.16 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.35 | 16.27 | 16.15 | | |
| 10 | 16QAM | 1 | 49 | 16.26 | 16.30 | 16.16 | | |
| 10 | 16QAM | 25 | 0 | 16.32 | 16.34 | 16.32 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.31 | 16.25 | 16.28 | | |
| 10 | 16QAM | 25 | 25 | 16.34 | 16.31 | 16.33 | | |
| 10 | 16QAM | 50 | 0 | 16.26 | 16.28 | 16.18 | | |
| 10 | 64QAM | 1 | 0 | 16.33 | 16.29 | 16.28 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.21 | 16.30 | 16.19 | | |
| 10 | 64QAM | 1 | 49 | 16.24 | 16.25 | 16.23 | | |
| 10 | 64QAM | 25 | 0 | 16.33 | 16.30 | 16.31 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.35 | 16.33 | 16.19 | | |
| 10 | 64QAM | 25 | 25 | 16.22 | 16.41 | 16.30 | | |
| 10 | 64QAM | 50 | 0 | 16.32 | 16.30 | 16.27 | | |
| 10 | 256QAM | 1 | 0 | 16.34 | 16.33 | 16.28 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.24 | 16.38 | 16.16 | | |
| 10 | 256QAM | 1 | 49 | 16.29 | 16.35 | 16.32 | | |
| 10 | 256QAM | 25 | 0 | 16.41 | 16.35 | 16.24 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.36 | 16.27 | 16.17 | | |
| 10 | 256QAM | 25 | 25 | 16.28 | 16.42 | 16.26 | | |
| 10 | 256QAM | 50 | 0 | 16.31 | 16.29 | 16.20 | | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 16.48 | 16.43 | 16.40 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.42 | 16.23 | 16.38 | | |
| 5 | QPSK | 1 | 24 | 16.32 | 16.22 | 16.34 | | |
| 5 | QPSK | 12 | 0 | 16.35 | 16.31 | 16.38 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.26 | 16.30 | 16.28 | | |
| 5 | QPSK | 12 | 13 | 16.30 | 16.25 | 16.27 | | |
| 5 | QPSK | 25 | 0 | 16.36 | 16.38 | 16.24 | | |
| 5 | 16QAM | 1 | 0 | 16.36 | 16.34 | 16.16 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.35 | 16.27 | 16.15 | | |
| 5 | 16QAM | 1 | 24 | 16.26 | 16.30 | 16.16 | | |
| 5 | 16QAM | 12 | 0 | 16.32 | 16.34 | 16.32 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.31 | 16.25 | 16.28 | | |
| 5 | 16QAM | 12 | 13 | 16.34 | 16.31 | 16.33 | | |
| 5 | 16QAM | 25 | 0 | 16.26 | 16.28 | 16.18 | | |
| 5 | 64QAM | 1 | 0 | 16.33 | 16.29 | 16.29 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.35 | 16.30 | 16.19 | | |
| 5 | 64QAM | 1 | 24 | 16.24 | 16.25 | 16.23 | | |
| 5 | 64QAM | 12 | 0 | 16.33 | 16.30 | 16.31 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.35 | 16.33 | 16.19 | | |
| 5 | 64QAM | 12 | 13 | 16.22 | 16.41 | 16.30 | | |
| 5 | 64QAM | 25 | 0 | 16.32 | 16.30 | 16.27 | | |
| 5 | 256QAM | 1 | 0 | 16.34 | 16.33 | 16.35 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.24 | 16.38 | 16.16 | | |
| 5 | 256QAM | 1 | 24 | 16.29 | 16.35 | 16.32 | | |
| 5 | 256QAM | 12 | 0 | 16.41 | 16.35 | 16.35 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.36 | 16.27 | 16.17 | | |
| 5 | 256QAM | 12 | 13 | 16.28 | 16.42 | 16.26 | | |
| 5 | 256QAM | 25 | 0 | 16.31 | 16.29 | 16.20 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 16.48 | 16.43 | 16.40 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.42 | 16.23 | 16.38 | | |
| 3 | QPSK | 1 | 14 | 16.32 | 16.22 | 16.34 | | |
| 3 | QPSK | 8 | 0 | 16.35 | 16.31 | 16.38 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.26 | 16.30 | 16.28 | | |
| 3 | QPSK | 8 | 7 | 16.30 | 16.25 | 16.27 | | |
| 3 | QPSK | 15 | 0 | 16.36 | 16.38 | 16.24 | | |
| 3 | 16QAM | 1 | 0 | 16.36 | 16.34 | 16.16 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.35 | 16.27 | 16.15 | | |
| 3 | 16QAM | 1 | 14 | 16.26 | 16.30 | 16.16 | | |
| 3 | 16QAM | 8 | 0 | 16.32 | 16.34 | 16.32 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.31 | 16.25 | 16.28 | | |
| 3 | 16QAM | 8 | 7 | 16.34 | 16.31 | 16.33 | | |
| 3 | 16QAM | 15 | 0 | 16.28 | 16.18 | 16.18 | | |
| 3 | 64QAM | 1 | 0 | 16.33 | 16.29 | 16.29 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.21 | 16.30 | 16.19 | | |
| 3 | 64QAM | 1 | 14 | 16.24 | 16.25 | 16.23 | | |
| 3 | 64QAM | 8 | 0 | 16.33 | 16.30 | 16.31 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.35 | 16.33 | 16.19 | | |
| 3 | 64QAM | 8 | 7 | 16.22 | 16.41 | 16.30 | | |
| 3 | 64QAM | 15 | 0 | 16.32 | 16.30 | 16.27 | | |
| 3 | 256QAM | 1 | 0 | 16.34 | 16.33 | 16.35 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.24 | 16.38 | 16.16 | | |
| 3 | 256QAM | 1 | 14 | 16.29 | 16.35 | 16.32 | | |
| 3 | 256QAM | 8 | 0 | 16.41 | 16.35 | 16.35 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.36 | 16.27 | 16.17 | | |
| 3 | 256QAM | 8 | 7 | 16.28 | 16.42 | 16.26 | | |
| 3 | 256QAM | 15 | 0 | 16.31 | 16.29 | 16.20 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.48 | 16.47 | 16.49 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.33 | 16.38 | 16.42 | | |
| 1.4 | QPSK | 1 | 5 | 16.38 | 16.24 | 16.32 | | |
| 1.4 | QPSK | 3 | 0 | 16.34 | 16.40 | 16.40 | | |
| 1.4 | QPSK | 3 | 1 | 16.27 | 16.24 | 16.23 | | |
| 1.4 | QPSK | 3 | 3 | 16.37 | 16.15 | 16.38 | | |
| 1.4 | QPSK | 6 | 0 | 16.30 | 16.35 | 16.27 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.34 | 16.41 | 16.24 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.26 | 16.37 | 16.22 | | |
| 1.4 | 16QAM | 1 | 5 | 16.28 | 16.33 | 16.23 | | |
| 1.4 | 16QAM | 3 | 0 | 16.28 | 16.28 | 16.28 | | |
| 1.4 | 16QAM | 3 | 1 | 16.29 | 16.28 | 16.36 | | |
| 1.4 | 16QAM | 3 | 3 | 16.34 | 16.30 | 16.28 | | |
| 1.4 | 16QAM | 6 | 0 | 16.24 | 16.23 | 16.24 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.35 | 16.25 | 16.19 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.24 | 16.45 | 16.21 | | |
| 1.4 | 64QAM | 1 | 5 | 16.17 | 16.27 | 16.20 | | |
| 1.4 | 64QAM | 3 | 0 | 16.29 | 16.18 | 16.24 | | |
| 1.4 | 64QAM | 3 | 1 | 16.25 | 16.25 | 16.32 | | |
| 1.4 | 64QAM | 3 | 3 | 16.17 | 16.45 | 16.22 | | |
| 1.4 | 64QAM | 6 | 0 | 16.35 | 16.32 | 16.28 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.24 | 16.42 | 16.37 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.32 | 16.39 | 16.27 | | |
| 1.4 | 256QAM | 1 | 5 | 16.31 | 16.32 | 16.25 | | |
| 1.4 | 256QAM | 3 | 0 | 16.41 | 16.28 | 16.33 | | |
| 1.4 | 256QAM | 3 | 1 | 16.35 | 16.27 | 16.17 | | |
| 1.4 | 256QAM | 3 | 3 | 16.34 | 16.37 | 16.25 | | |
| 1.4 | 256QAM | 6 | 0 | 16.26 | 16.27 | 16.33 | 18 | 0 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 19.94 | 19.90 | 19.88 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 19.86 | 19.90 | 19.82 | | |
| 20 | QPSK | 1 | 99 | 19.76 | 19.84 | 19.75 | | |
| 20 | QPSK | 50 | 0 | 19.90 | 19.88 | 19.86 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 19.87 | 19.93 | 19.84 | | |
| 20 | QPSK | 50 | 50 | 19.76 | 19.91 | 19.81 | | |
| 20 | QPSK | 100 | 0 | 19.89 | 19.95 | 19.82 | | |
| 20 | 16QAM | 1 | 49 | 19.76 | 19.89 | 19.75 | 20 | 0 |
| 20 | 16QAM | 1 | 99 | 19.81 | 19.91 | 19.77 | | |
| 20 | 16QAM | 50 | 0 | 19.94 | 19.94 | 19.75 | | |
| 20 | 16QAM | 50 | 24 | 19.76 | 19.97 | 19.75 | 20 | 0 |
| 20 | 16QAM | 50 | 50 | 19.85 | 19.91 | 19.71 | | |
| 20 | 16QAM | 100 | 0 | 19.79 | 19.85 | 19.74 | | |
| 20 | 64QAM | 1 | 0 | 19.82 | 19.87 | 19.77 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 19.88 | 19.93 | 19.81 | | |
| 20 | 64QAM | 1 | 99 | 19.85 | 19.93 | 19.83 | | |
| 20 | 64QAM | 50 | 0 | 19.76 | 19.82 | 19.78 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.96 | 19.85 | | |
| 20 | 64QAM | 50 | 50 | 19.87 | 19.84 | 19.79 | | |
| 20 | 64QAM | 100 | 0 | 19.84 | 19.84 | 19.71 | | |
| 20 | 256QAM | 1 | 0 | 17.90 | 17.92 | 17.75 | 19 | 1 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.85 | 17.70 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.89 | 17.62 | | |
| 20 | 256QAM | 50 | 0 | 17.80 | 17.86 | 17.80 | 19 | 1 |
| 20 | 256QAM | 50 | 24 | 17.86 | 17.78 | 17.78 | | |
| 20 | 256QAM | 50 | 50 | 17.69 | 17.80 | 17.76 | | |
| 20 | 256QAM | 100 | 0 | 17.88 | 17.92 | 17.74 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 19.91 | 19.97 | 19.78 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 19.84 | 19.87 | 19.68 | | |
| 15 | QPSK | 1 | 74 | 19.69 | 19.82 | 19.67 | | |
| 15 | QPSK | 36 | 0 | 19.80 | 19.91 | 19.85 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 19.79 | 19.92 | 19.77 | | |
| 15 | QPSK | 36 | 39 | 19.69 | 19.76 | 19.79 | | |
| 15 | QPSK | 75 | 0 | 19.74 | 19.88 | 19.68 | | |
| 15 | 16QAM | 1 | 0 | 19.74 | 19.86 | 19.80 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 19.70 | 19.87 | 19.74 | | |
| 15 | 16QAM | 1 | 74 | 19.79 | 19.87 | 19.72 | | |
| 15 | 16QAM | 36 | 0 | 19.71 | 19.93 | 19.66 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 19.85 | 19.83 | 19.82 | | |
| 15 | 16QAM | 36 | 39 | 19.86 | 19.77 | 19.86 | | |
| 15 | 16QAM | 75 | 0 | 19.80 | 19.97 | 19.80 | | |
| 15 | 64QAM | 1 | 0 | 19.96 | 19.99 | 19.85 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 19.99 | 19.99 | 19.90 | | |
| 15 | 64QAM | 1 | 74 | 19.96 | 19.98 | 19.94 | | |
| 15 | 64QAM | 36 | 0 | 19.89 | 19.93 | 19.80 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 19.84 | 19.99 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.94 | 19.95 | 19.85 | | |
| 15 | 64QAM | 75 | 0 | 19.91 | 19.91 | 19.81 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.96 | 17.89 | 19 | 1 |
| 15 | 256QAM | 1 | 37 | 17.90 | 17.88 | 17.78 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 18.01 | 17.64 | | |
| 15 | 256QAM | 36 | 0 | 17.85 | 17.87 | 17.82 | 19 | 1 |
| 15 | 256QAM | 36 | 20 | 17.92 | 17.83 | 17.91 | | |
| 15 | 256QAM | 36 | 39 | 17.82 | 17.88 | 17.79 | | |
| 15 | 256QAM | 75 | 0 | 17.93 | 18.04 | 17.79 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 19.87 | 19.91 | 19.73 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 19.84 | 19.86 | 19.68 | | |
| 10 | QPSK | 1 | 49 | 19.74 | 19.82 | 19.74 | | |
| 10 | QPSK | 25 | 0 | 19.77 | 19.89 | 19.84 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 19.76 | 19.79 | 19.71 | | |
| 10 | QPSK | 25 | 25 | 19.75 | 19.86 | 19.79 | | |
| 10 | QPSK | 50 | 0 | 19.83 | 19.93 | 19.66 | | |
| 10 | 16QAM | 1 | 0 | 19.77 | 19.87 | 19.70 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 19.72 | 19.77 | 19.73 | | |
| 10 | 16QAM | 1 | 49 | 19.78 | 19.87 | 19.62 | | |
| 10 | 16QAM | 25 | 0 | 19.70 | 19.85 | 19.69 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 19.64 | 19.95 | 19.62 | | |
| 10 | 16QAM | 25 | 25 | 19.97 | 19.83 | 19.82 | | |
| 10 | 16QAM | 50 | 0 | 19.87 | 19.98 | 19.87 | | |
| 10 | 64QAM | 1 | 0 | 19.91 | 19.85 | 19.83 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 19.89 | 19.97 | 19.83 | | |
| 10 | 64QAM | 1 | 49 | 19.98 | 19.86 | 19.94 | | |
| 10 | 64QAM | 25 | 0 | 19.83 | 19.85 | 19.80 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 19.88 | 19.98 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 19.88 | 19.94 | 19.88 | | |
| 10 | 64QAM | 50 | 0 | 19.96 | 19.87 | 19.85 | | |
| 10 | 256QAM | 1 | 0 | 18.01 | 17.98 | 17.98 | 19 | 1 |
| 10 | 256QAM | 1 | 25 | 17.87 | 17.99 | 17.83 | | |
| 10 | 256QAM | 1 | 49 | 17.85 | 17.92 | 17.65 | | |
| 10 | 256QAM | 25 | 0 | 17.93 | 17.88 | 17.95 | 19 | 1 |
| 10 | 256QAM | 25 | 12 | 17.99 | 17.88 | 17.92 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.86 | 17.88 | | |
| 10 | 256QAM | 50 | 0 | 17.92 | 17.93 | 17.88 | | |
| Channel | | | | 26065 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 19.86 | 19.91 | 19.87 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 19.73 | 19.88 | 19.73 | | |
| 5 | QPSK | 1 | 24 | 19.68 | 19.85 | 19.64 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.88 | 19.79 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 19.72 | 19.91 | 19.79 | | |
| 5 | QPSK | 12 | 13 | 19.73 | 19.77 | 19.75 | | |
| 5 | QPSK | 25 | 0 | 19.84 | 19.87 | 19.72 | | |
| 5 | 16QAM | 1 | 0 | 19.76 | 19.80 | 19.77 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 19.69 | 19.82 | 19.72 | | |
| 5 | 16QAM | 1 | 24 | 19.69 | 19.88 | 19.68 | | |
| 5 | 16QAM | 12 | 0 | 19.79 | 19.89 | 19.74 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 19.74 | 19.85 | 19.73 | | |
| 5 | 16QAM | 12 | 13 | 19.96 | 19.80 | 19.76 | | |
| 5 | 16QAM | 25 | 0 | 19.80 | 19.89 | 19.89 | | |
| 5 | 64QAM | 1 | 0 | 19.83 | 19.93 | 19.82 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 19.99 | 19.96 | 19.91 | | |
| 5 | 64QAM | 1 | 24 | 19.91 | 19.97 | 19.97 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.99 | 19.93 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 19.92 | 19.98 | 19.92 | | |
| 5 | 64QAM | 12 | 13 | 19.99 | 19.85 | 19.87 | | |
| 5 | 64QAM | 25 | 0 | 19.88 | 19.94 | 19.76 | | |
| 5 | 256QAM | 1 | 0 | 19.82 | 18.06 | 17.77 | 19 | 1 |
| 5 | 256QAM | 1 | 12 | 17.84 | 17.86 | 17.87 | | |
| 5 | 256QAM | 1 | 24 | 17.88 | 17.95 | 17.64 | | |
| 5 | 256QAM | 12 | 0 | 17.90 | 17.96 | 17.95 | 19 | 1 |
| 5 | 256QAM | 12 | 7 | 17.87 | 17.90 | 17.85 | | |
| 5 | 256QAM | 12 | 13 | 17.75 | 17.81 | 17.85 | | |
| 5 | 256QAM | 25 | 0 | 18.02 | 17.96 | 17.86 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 18.83 | 18.86 | 18.82 | 20 | 0 |
| 3 | QPSK | 1 | 8 | 18.74 | 18.81 | 18.71 | | |
| 3 | QPSK | 1 | 14 | 18.72 | 18.83 | 18.64 | | |
| 3 | QPSK | 8 | 0 | 18.78 | 18.94 | 18.83 | 20 | 0 |
| 3 | QPSK | 8 | 4 | 18.86 | 18.80 | 18.75 | | |
| 3 | QPSK | 8 | 7 | 18.66 | 18.89 | 18.67 | | |
| 3 | QPSK | 15 | 0 | 18.74 | 18.85 | 18.69 | | |
| 3 | 16QAM | 1 | 0 | 18.74 | 18.87 | 18.76 | 20 | 0 |
| 3 | 16QAM | 1 | 8 | 18.74 | 18.76 | 18.66 | | |
| 3 | 16QAM | 1 | 14 | 18.79 | 18.82 | 18.67 | | |
| 3 | 16QAM | 8 | 0 | 18.71 | 18.90 | 18.60 | 20 | 0 |
| 3 | 16QAM | 8 | 4 | 18.67 | 18.96 | 18.65 | | |
| 3 | 16QAM | 8 | 7 | 18.95 | 18.82 | 18.75 | | |
| 3 | 16QAM | 15 | 0 | 18.91 | 18.92 | 18.78 | | |
| 3 | 64QAM | 1 | 0 | 18.89 | 18.96 | 18.90 | 20 | 0 |
| 3 | 64QAM | 1 | 8 | 18.96 | 18.97 | 18.85 | | |
| 3 | 64QAM | 1 | 14 | 18.87 | 18.97 | 18.94 | | |
| 3 | 64QAM | 8 | 0 | 18.82 | 18.94 | 18.91 | 20 | 0 |
| 3 | 64QAM | 8 | 4 | 18.79 | 18.98 | 18.92 | | |
| 3 | 64QAM | 8 | 7 | 18.92 | 18.90 | 18.91 | | |
| 3 | 64QAM | 15 | 0 | 18.90 | 18.88 | 18.81 | | |
| 3 | 256QAM | 1 | 0 | 18.02 | 17.95 | 17.88 | 19 | 1 |
| 3 | 256QAM | 1 | 8 | 17.94 | 17.89 | 17.81 | | |
| 3 | 256QAM | 1 | 14 | 17.81 | 17.90 | 17.65 | | |
| 3 | 256QAM | 8 | 0 | 17.81 | 17.96 | 17.81 | 19 | 1 |
| 3 | 256QAM | 8 | 4 | 17.91 | 17.80 | 17.87 | | |
| 3 | 256QAM | 8 | 7 | 17.78 | 17.92 | 17.82 | | |
| 3 | 256QAM | 15 | 0 | 17.90 | 18.01 | 17.77 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 18.80 | 18.86 | 18.85 | 20 | 0 |
| 1.4 | QPSK | 1 | 3 | 18.82 | 18.76 | 18.74 | | |
| 1.4 | QPSK | 1 | 5 | 18.73 | 18.80 | 18.60 | | |
| 1.4 | QPSK | 3 | 0 | 18.80 | 18.83 | 18.82 | | |
| 1.4 | QPSK | 3 | 1 | 18.79 | 18.88 | 18.81 | | |
| 1.4 | QPSK | 3 | 3 | 18.68 | 18.76 | 18.72 | | |
| 1.4 | QPSK | 6 | 0 | 18.80 | 18.96 | 18.82 | 20 | 0 |
| 1.4 | 16QAM | 1 | 0 | 18.79 | 18.84 | 18.73 | 20 | 0 |
| 1.4 | 16QAM | 1 | 3 | 18.73 | 18.76 | 18.64 | | |
| 1.4 | 16QAM | 1 | 5 | 18.66 | 18.78 | 18.63 | | |
| 1.4 | 16QAM | 3 | 0 | 18.81 | 18.95 | 18.62 | | |
| 1.4 | 16QAM | 3 | 1 | 18.72 | 18.88 | 18.69 | | |
| 1.4 | 16QAM | 3 | 3 | 18.86 | 18.86 | 18.79 | | |
| 1.4 | 16QAM | 6 | 0 | 18.92 | 18.93 | 18.89 | 20 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.95 | 18.88 | 18.86 | 20 | 0 |
| 1.4 | 64QAM | 1 | 3 | 18.94 | 18.92 | 18.95 | | |
| 1.4 | 64QAM | 1 | 5 | 18.98 | 18.95 | 18.97 | | |
| 1.4 | 64QAM | 3 | 0 | 18.86 | 18.86 | 18.79 | | |
| 1.4 | 64QAM | 3 | 1 | 18.88 | 18.95 | 18.85 | | |
| 1.4 | 64QAM | 3 | 3 | 18.94 | 18.99 | 18.94 | | |
| 1.4 | 64QAM | 6 | 0 | 18.99 | 18.96 | 18.86 | 20 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.96 | 18.05 | 17.81 | 19 | 1 |
| 1.4 | 256QAM | 1 | 3 | 17.93 | 17.95 | 17.81 | | |
| 1.4 | 256QAM | 1 | 5 | 17.83 | 17.91 | 17.68 | | |
| 1.4 | 256QAM | 3 | 0 | 17.93 | 17.87 | 17.93 | | |
| 1.4 | 256QAM | 3 | 1 | 17.93 | 17.90 | 17.84 | | |
| 1.4 | 256QAM | 3 | 3 | 17.83 | 17.86 | 17.85 | | |
| 1.4 | 256QAM | 6 | 0 | 17.91 | 17.96 | 17.75 | 19 | 1 |

## Band 26_Ant 0

| 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 | | | | 26705 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.41 | 21.61 | 21.37 | 23.2 | 0 |
| 15 | QPSK | 1 | 37 | 21.30 | 21.33 | 21.45 | | |
| 15 | QPSK | 1 | 74 | 21.40 | 21.43 | 21.38 | | |
| 15 | QPSK | 36 | 0 | 21.20 | 21.57 | 21.42 | 23 | 0.2 |
| 15 | QPSK | 36 | 20 | 21.37 | 21.26 | 21.35 | | |
| 15 | QPSK | 36 | 39 | 21.34 | 21.33 | 21.35 | | |
| 15 | QPSK | 75 | 0 | 21.32 | 21.46 | 21.41 | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.52 | 21.55 | 23 | 0.2 |
| 15 | 16QAM | 1 | 37 | 21.45 | 21.43 | 21.48 | | |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.48 | 21.46 | | |
| 15 | 16QAM | 36 | 0 | 20.46 | 20.32 | 20.33 | 22 | 1.2 |
| 15 | 16QAM | 36 | 20 | 20.44 | 20.36 | 20.35 | | |
| 15 | 16QAM | 36 | 39 | 20.42 | 20.30 | 20.33 | | |
| 15 | 16QAM | 75 | 0 | 20.41 | 20.44 | 20.33 | | |
| 15 | 64QAM | 1 | 0 | 20.76 | 20.72 | 20.70 | 22 | 1.2 |
| 15 | 64QA

## Band 66_Ant 0

| 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 | 17.69 | 18.05 | 17.95 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.68 | 17.92 | 17.83 | | |
| 20 | QPSK | 1 | 99 | 17.61 | 17.95 | 17.84 | | |
| 20 | QPSK | 50 | 0 | 17.61 | 18.02 | 17.95 | | |
| 20 | QPSK | 50 | 24 | 17.61 | 17.89 | 17.83 | | |
| 20 | QPSK | 50 | 50 | 17.67 | 17.90 | 17.81 | | |
| 20 | QPSK | 100 | 0 | 17.64 | 17.99 | 17.95 | | |
| 20 | 16QAM | 1 | 0 | 17.61 | 17.93 | 17.92 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.62 | 18.01 | 17.90 | | |
| 20 | 16QAM | 1 | 99 | 17.61 | 18.02 | 17.84 | | |
| 20 | 16QAM | 50 | 0 | 17.63 | 17.95 | 17.94 | | |
| 20 | 16QAM | 50 | 24 | 17.63 | 17.94 | 17.92 | | |
| 20 | 16QAM | 50 | 50 | 17.63 | 18.01 | 17.94 | | |
| 20 | 16QAM | 100 | 0 | 17.89 | 17.90 | 17.95 | | |
| 20 | 64QAM | 1 | 0 | 17.89 | 18.01 | 17.95 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.90 | 17.92 | 17.87 | | |
| 20 | 64QAM | 1 | 99 | 17.88 | 17.93 | 17.82 | | |
| 20 | 64QAM | 50 | 0 | 17.85 | 17.97 | 17.95 | | |
| 20 | 64QAM | 50 | 24 | 17.91 | 18.04 | 17.98 | 19.5 | 0 |
| 20 | 64QAM | 50 | 50 | 17.80 | 17.90 | 17.95 | | |
| 20 | 64QAM | 100 | 0 | 17.86 | 17.98 | 17.91 | | |
| 20 | 256QAM | 1 | 0 | 17.21 | 17.45 | 17.34 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.20 | 17.31 | 17.30 | | |
| 20 | 256QAM | 1 | 99 | 17.29 | 17.31 | 17.28 | | |
| 20 | 256QAM | 50 | 0 | 17.32 | 17.38 | 17.35 | | |
| 20 | 256QAM | 50 | 24 | 17.40 | 17.44 | 17.39 | 19 | 0.5 |
| 20 | 256QAM | 50 | 50 | 17.41 | 17.36 | 17.34 | | |
| 20 | 256QAM | 100 | 0 | 17.44 | 17.37 | 17.48 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 17.66 | 17.96 | 17.81 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.73 | 17.90 | 17.72 | | |
| 15 | QPSK | 1 | 74 | 17.69 | 17.83 | 17.78 | | |
| 15 | QPSK | 36 | 0 | 17.78 | 17.79 | 17.66 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.69 | 17.74 | 17.75 | | |
| 15 | QPSK | 36 | 39 | 17.62 | 17.79 | 17.68 | | |
| 15 | QPSK | 75 | 0 | 17.82 | 17.89 | 17.89 | | |
| 15 | 16QAM | 1 | 0 | 17.74 | 17.90 | 17.78 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.71 | 17.98 | 17.62 | | |
| 15 | 16QAM | 1 | 74 | 17.76 | 17.98 | 17.74 | | |
| 15 | 16QAM | 36 | 0 | 17.72 | 17.91 | 17.65 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.80 | 17.84 | 17.89 | | |
| 15 | 16QAM | 36 | 39 | 17.88 | 17.96 | 17.84 | | |
| 15 | 16QAM | 75 | 0 | 17.88 | 17.96 | 17.82 | | |
| 15 | 64QAM | 1 | 0 | 17.87 | 17.87 | 17.85 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.84 | 17.83 | 17.65 | | |
| 15 | 64QAM | 1 | 74 | 17.79 | 17.88 | 17.76 | | |
| 15 | 64QAM | 36 | 0 | 17.81 | 17.94 | 17.89 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.77 | 17.92 | 17.91 | | |
| 15 | 64QAM | 36 | 39 | 17.66 | 17.79 | 17.89 | | |
| 15 | 64QAM | 75 | 0 | 17.75 | 17.87 | 17.89 | | |
| 15 | 256QAM | 1 | 0 | 17.18 | 17.36 | 17.32 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.17 | 17.22 | 17.29 | | |
| 15 | 256QAM | 1 | 74 | 17.21 | 17.18 | 17.24 | | |
| 15 | 256QAM | 36 | 0 | 17.43 | 17.35 | 17.30 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.36 | 17.31 | 17.47 | | |
| 15 | 256QAM | 36 | 39 | 17.48 | 17.32 | 17.43 | | |
| 15 | 256QAM | 75 | 0 | 17.35 | 17.31 | 17.43 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 17.85 | 18.04 | 17.85 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.87 | 17.88 | 17.75 | | |
| 10 | QPSK | 1 | 49 | 17.71 | 17.85 | 17.77 | | |
| 10 | QPSK | 25 | 0 | 17.89 | 17.94 | 17.67 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.78 | 17.75 | 17.82 | | |
| 10 | QPSK | 25 | 25 | 17.81 | 17.87 | 17.68 | | |
| 10 | QPSK | 50 | 0 | 17.81 | 17.92 | 17.82 | | |
| 10 | 16QAM | 1 | 0 | 17.79 | 17.86 | 17.87 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.72 | 18.00 | 17.79 | | |
| 10 | 16QAM | 1 | 49 | 17.74 | 17.94 | 17.72 | | |
| 10 | 16QAM | 25 | 0 | 17.79 | 17.87 | 17.79 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.82 | 17.89 | 17.83 | | |
| 10 | 16QAM | 25 | 25 | 17.78 | 17.98 | 17.87 | | |
| 10 | 16QAM | 50 | 0 | 17.78 | 17.78 | 17.83 | | |
| 10 | 64QAM | 1 | 0 | 17.78 | 17.91 | 17.85 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.75 | 17.81 | 17.81 | | |
| 10 | 64QAM | 1 | 49 | 17.75 | 17.82 | 17.76 | | |
| 10 | 64QAM | 25 | 0 | 17.84 | 17.88 | 17.86 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.84 | 17.89 | 17.86 | | |
| 10 | 64QAM | 25 | 25 | 17.76 | 17.79 | 17.90 | | |
| 10 | 64QAM | 50 | 0 | 17.85 | 17.98 | 17.82 | | |
| 10 | 256QAM | 1 | 0 | 17.13 | 17.41 | 17.29 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.06 | 17.19 | 17.17 | | |
| 10 | 256QAM | 1 | 49 | 17.17 | 17.25 | 17.24 | | |
| 10 | 256QAM | 25 | 0 | 17.40 | 17.43 | 17.47 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.51 | 17.44 | | |
| 10 | 256QAM | 25 | 25 | 17.40 | 17.48 | 17.41 | | |
| 10 | 256QAM | 50 | 0 | 17.41 | 17.50 | 17.37 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 17.79 | 18.00 | 17.80 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.76 | 17.77 | 17.61 | | |
| 5 | QPSK | 1 | 24 | 17.78 | 17.80 | 17.72 | | |
| 5 | QPSK | 12 | 0 | 17.83 | 17.91 | 17.83 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.76 | 17.74 | 17.75 | | |
| 5 | QPSK | 12 | 13 | 17.80 | 17.77 | 17.80 | | |
| 5 | QPSK | 25 | 0 | 17.74 | 17.88 | 17.93 | | |
| 5 | 16QAM | 1 | 0 | 17.71 | 17.87 | 17.88 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.74 | 17.99 | 17.89 | | |
| 5 | 16QAM | 1 | 24 | 17.79 | 17.96 | 17.77 | | |
| 5 | 16QAM | 12 | 0 | 17.69 | 17.87 | 17.80 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.84 | 17.81 | 17.80 | | |
| 5 | 16QAM | 12 | 13 | 17.87 | 17.87 | 17.84 | | |
| 5 | 16QAM | 25 | 0 | 17.85 | 17.82 | 17.88 | | |
| 5 | 64QAM | 1 | 0 | 17.83 | 17.88 | 17.84 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.89 | 17.84 | 17.84 | | |
| 5 | 64QAM | 1 | 24 | 17.87 | 17.83 | 17.88 | | |
| 5 | 64QAM | 12 | 0 | 17.83 | 17.87 | 17.88 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.77 | 17.98 | 17.90 | | |
| 5 | 64QAM | 12 | 13 | 17.71 | 17.76 | 17.93 | | |
| 5 | 64QAM | 25 | 0 | 17.84 | 17.97 | 17.85 | | |
| 5 | 256QAM | 1 | 0 | 17.17 | 17.34 | 17.32 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.12 | 17.23 | 17.19 | | |
| 5 | 256QAM | 1 | 24 | 17.14 | 17.22 | 17.19 | | |
| 5 | 256QAM | 12 | 0 | 17.40 | 17.48 | 17.45 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.30 | 17.37 | 17.38 | | |
| 5 | 256QAM | 12 | 13 | 17.35 | 17.35 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.34 | 17.45 | 17.35 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 17.79 | 17.99 | 17.85 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.86 | 17.91 | 17.75 | | |
| 3 | QPSK | 1 | 14 | 17.73 | 17.85 | 17.80 | | |
| 3 | QPSK | 8 | 0 | 17.78 | 17.88 | 17.84 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.69 | 17.82 | 17.81 | | |
| 3 | QPSK | 8 | 7 | 17.77 | 17.77 | 17.68 | | |
| 3 | QPSK | 15 | 0 | 17.74 | 17.85 | 17.84 | | |
| 3 | 16QAM | 1 | 0 | 17.67 | 17.83 | 17.88 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.76 | 17.91 | 17.77 | | |
| 3 | 16QAM | 1 | 14 | 17.80 | 18.01 | 17.79 | | |
| 3 | 16QAM | 8 | 0 | 17.75 | 17.94 | 17.80 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.92 | 17.90 | 17.82 | | |
| 3 | 16QAM | 8 | 7 | 17.81 | 17.90 | 17.83 | | |
| 3 | 16QAM | 15 | 0 | 17.79 | 17.79 | 17.94 | | |
| 3 | 64QAM | 1 | 0 | 17.83 | 17.98 | 17.92 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.86 | 17.86 | 17.73 | | |
| 3 | 64QAM | 1 | 14 | 17.74 | 17.92 | 17.76 | | |
| 3 | 64QAM | 8 | 0 | 17.75 | 17.83 | 17.91 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.88 | 17.93 | 17.93 | | |
| 3 | 64QAM | 8 | 7 | 17.71 | 17.82 | 17.80 | | |
| 3 | 64QAM | 15 | 0 | 17.79 | 17.96 | 17.90 | | |
| 3 | 256QAM | 1 | 0 | 17.16 | 17.37 | 17.29 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.05 | 17.16 | 17.27 | | |
| 3 | 256QAM | 1 | 14 | 17.20 | 17.22 | 17.16 | | |
| 3 | 256QAM | 8 | 0 | 17.37 | 17.45 | 17.45 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.45 | 17.50 | 17.46 | | |
| 3 | 256QAM | 8 | 7 | 17.30 | 17.41 | 17.52 | | |
| 3 | 256QAM | 15 | 0 | 17.34 | 17.42 | 17.37 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.84 | 17.96 | 17.82 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.80 | 17.78 | 17.74 | | |
| 1.4 | QPSK | 1 | 5 | 17.80 | 17.84 | 17.80 | | |
| 1.4 | QPSK | 3 | 0 | 17.82 | 17.80 | 17.84 | | |
| 1.4 | QPSK | 3 | 1 | 17.66 | 17.82 | 17.71 | | |
| 1.4 | QPSK | 3 | 3 | 17.76 | 17.80 | 17.78 | | |
| 1.4 | QPSK | 6 | 0 | 17.78 | 17.91 | 17.89 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.74 | 17.88 | 17.78 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.79 | 17.87 | 17.82 | | |
| 1.4 | 16QAM | 1 | 5 | 17.73 | 17.87 | 17.70 | | |
| 1.4 | 16QAM | 3 | 0 | 17.76 | 17.85 | 17.84 | | |
| 1.4 | 16QAM | 3 | 1 | 17.88 | 17.90 | 17.87 | | |
| 1.4 | 16QAM | 3 | 3 | 17.79 | 17.92 | 17.90 | | |
| 1.4 | 16QAM | 6 | 0 | 17.76 | 17.87 | 17.89 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 17.77 | 17.97 | 17.85 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.81 | 17.88 | 17.76 | | |
| 1.4 | 64QAM | 1 | 5 | 17.73 | 17.79 | 17.68 | | |
| 1.4 | 64QAM | 3 | 0 | 17.81 | 17.94 | 17.86 | | |
| 1.4 | 64QAM | 3 | 1 | 17.88 | 18.01 | 17.86 | | |
| 1.4 | 64QAM | 3 | 3 | 17.68 | 17.89 | 17.84 | | |
| 1.4 | 64QAM | 6 | 0 | 17.78 | 17.97 | 17.90 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.10 | 17.38 | 17.22 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.16 | 17.18 | 17.21 | | |
| 1.4 | 256QAM | 1 | 5 | 17.19 | 17.20 | 17.21 | | |
| 1.4 | 256QAM | 3 | 0 | 17.29 | 17.37 | 17.23 | | |
| 1.4 | 256QAM | 3 | 1 | 17.08 | 17.34 | 17.30 | | |
| 1.4 | 256QAM | 3 | 3 | 17.18 | 17.31 | 17.20 | | |
| 1.4 | 256QAM | 6 | 0 | 17.32 | 17.53 | 17.38 | 19 | 0.5 |

## Band 66_Ant 4

| 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 | 18.10 | 18.23 | 18.11 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 18.09 | 18.09 | 18.10 | | |
| 20 | QPSK | 1 | 99 | 17.99 | 18.13 | 18.07 | | |
| 20 | QPSK | 50 | 0 | 18.07 | 18.14 | 18.09 | | |
| 20 | QPSK | 50 | 24 | 17.97 | 18.12 | 17.98 | 19.5 | 0 |
| 20 | QPSK | 50 | 50 | 18.03 | 18.11 | 17.97 | | |
| 20 | QPSK | 100 | 0 | 18.10 | 18.13 | 18.11 | | |
| 20 | 16QAM | 1 | 0 | 18.04 | 18.09 | 18.16 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 18.08 | 18.21 | 18.05 | | |
| 20 | 16QAM | 1 | 99 | 17.96 | 18.17 | 18.13 | | |
| 20 | 16QAM | 50 | 0 | 17.98 | 18.21 | 18.20 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 18.18 | 18.19 | 18.20 | | |
| 20 | 16QAM | 50 | 50 | 18.12 | 18.03 | 18.21 | | |
| 20 | 16QAM | 100 | 0 | 18.06 | 18.15 | 18.13 | | |
| 20 | 64QAM | 1 | 0 | 18.13 | 18.20 | 18.20 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 18.05 | 18.21 | 18.04 | | |
| 20 | 64QAM | 1 | 99 | 18.04 | 18.11 | 18.06 | | |
| 20 | 64QAM | 50 | 0 | 18.02 | 18.18 | 18.15 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 18.08 | 18.13 | 18.06 | | |
| 20 | 64QAM | 50 | 50 | 18.08 | 18.14 | 18.13 | | |
| 20 | 64QAM | 100 | 0 | 18.03 | 18.16 | 18.16 | | |
| 20 | 256QAM | 1 | 0 | 17.54 | 17.58 | 17.56 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.51 | 17.47 | 17.47 | | |
| 20 | 256QAM | 1 | 99 | 17.41 | 17.55 | 17.46 | | |
| 20 | 256QAM | 50 | 0 | 17.45 | 17.59 | 17.50 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.33 | 17.48 | 17.37 | | |
| 20 | 256QAM | 50 | 50 | 17.46 | 17.47 | 17.36 | | |
| 20 | 256QAM | 100 | 0 | 17.49 | 17.57 | 17.54 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 17.78 | 17.96 | 17.78 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.82 | 17.78 | 17.83 | | |
| 15 | QPSK | 1 | 74 | 17.64 | 17.79 | 17.76 | | |
| 15 | QPSK | 36 | 0 | 17.76 | 17.88 | 17.84 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.65 | 17.78 | 17.66 | | |
| 15 | QPSK | 36 | 39 | 17.79 | 17.81 | 17.72 | | |
| 15 | QPSK | 75 | 0 | 17.88 | 17.91 | 17.87 | | |
| 15 | 16QAM | 1 | 0 | 17.79 | 17.82 | 17.66 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.80 | 17.89 | 17.74 | | |
| 15 | 16QAM | 1 | 74 | 17.67 | 17.83 | 17.91 | | |
| 15 | 16QAM | 36 | 0 | 17.74 | 17.88 | 17.96 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.92 | 17.87 | 17.93 | | |
| 15 | 16QAM | 36 | 39 | 17.93 | 17.72 | 18.10 | | |
| 15 | 16QAM | 75 | 0 | 18.01 | 17.96 | 18.08 | | |
| 15 | 64QAM | 1 | 0 | 18.07 | 18.02 | 18.12 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.93 | 18.13 | 17.97 | | |
| 15 | 64QAM | 1 | 74 | 17.85 | 17.92 | 17.99 | | |
| 15 | 64QAM | 36 | 0 | 17.94 | 18.03 | 18.05 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.97 | 17.96 | 17.98 | | |
| 15 | 64QAM | 36 | 39 | 18.01 | 18.02 | 18.02 | | |
| 15 | 64QAM | 75 | 0 | 17.98 | 18.10 | 18.04 | | |
| 15 | 256QAM | 1 | 0 | 17.42 | 17.47 | 17.43 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.33 | 17.28 | 17.40 | | |
| 15 | 256QAM | 1 | 74 | 17.33 | 17.46 | 17.33 | | |
| 15 | 256QAM | 36 | 0 | 17.30 | 17.52 | 17.37 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.22 | 17.35 | 17.27 | | |
| 15 | 256QAM | 36 | 39 | 17.32 | 17.37 | 17.31 | | |
| 15 | 256QAM | 75 | 0 | 17.41 | 17.43 | 17.41 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 17.89 | 17.90 | 17.79 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.86 | 17.81 | 17.86 | | |
| 10 | QPSK | 1 | 49 | 17.64 | 17.90 | 17.78 | | |
| 10 | QPSK | 25 | 0 | 17.74 | 17.89 | 17.86 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.64 | 17.80 | 17.64 | | |
| 10 | QPSK | 25 | 25 | 17.68 | 17.89 | 17.64 | | |
| 10 | QPSK | 50 | 0 | 17.76 | 17.92 | 17.89 | | |
| 10 | 16QAM | 1 | 0 | 17.82 | 17.90 | 17.85 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.77 | 17.88 | 17.83 | | |
| 10 | 16QAM | 1 | 49 | 17.65 | 17.93 | 17.87 | | |
| 10 | 16QAM | 25 | 0 | 17.67 | 17.91 | 17.86 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.90 | 17.98 | 17.97 | | |
| 10 | 16QAM | 25 | 25 | 17.94 | 17.77 | 18.06 | | |
| 10 | 16QAM | 50 | 0 | 18.00 | 18.00 | 17.95 | | |
| 10 | 64QAM | 1 | 0 | 18.00 | 18.07 | 18.02 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.95 | 18.03 | 17.86 | | |
| 10 | 64QAM | 1 | 49 | 17.88 | 17.92 | 17.99 | | |
| 10 | 64QAM | 25 | 0 | 17.92 | 18.01 | 18.09 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 18.01 | 18.05 | 17.95 | | |
| 10 | 64QAM | 25 | 25 | 18.00 | 17.95 | 17.99 | | |
| 10 | 64QAM | 50 | 0 | 17.92 | 18.08 | 18.05 | | |
| 10 | 256QAM | 1 | 0 | 17.36 | 17.43 | 17.47 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.35 | 17.40 | 17.35 | | |
| 10 | 256QAM | 1 | 49 | 17.28 | 17.42 | 17.31 | | |
| 10 | 256QAM | 25 | 0 | 17.28 | 17.40 | 17.33 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.26 | 17.39 | 17.30 | | |
| 10 | 256QAM | 25 | 25 | 17.30 | 17.35 | 17.28 | | |
| 10 | 256QAM | 50 | 0 | 17.37 | 17.39 | 17.47 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 17.87 | 17.98 | 17.84 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.88 | 17.77 | 17.66 | | |
| 5 | QPSK | 1 | 24 | 17.78 | 17.84 | 17.74 | | |
| 5 | QPSK | 12 | 0 | 17.74 | 17.81 | 17.75 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.68 | 17.80 | 17.64 | | |
| 5 | QPSK | 12 | 13 | 17.73 | 17.81 | 17.75 | | |
| 5 | QPSK | 25 | 0 | 17.83 | 17.79 | 17.81 | | |
| 5 | 16QAM | 1 | 0 | 17.77 | 17.80 | 17.87 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.82 | 17.95 | 17.70 | | |
| 5 | 16QAM | 1 | 24 | 17.62 | 17.93 | 17.78 | | |
| 5 | 16QAM | 12 | 0 | 17.64 | 17.87 | 17.91 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.84 | 17.95 | 17.86 | | |
| 5 | 16QAM | 12 | 13 | 17.93 | 17.72 | 18.02 | | |
| 5 | 16QAM | 25 | 0 | 17.94 | 17.96 | 17.99 | | |
| 5 | 64QAM | 1 | 0 | 18.03 | 18.08 | 18.02 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.90 | 18.03 | 17.96 | | |
| 5 | 64QAM | 1 | 24 | 17.97 | 17.95 | 17.91 | | |
| 5 | 64QAM | 12 | 0 | 17.86 | 18.09 | 18.10 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.90 | 18.00 | 17.97 | | |
| 5 | 64QAM | 12 | 13 | 17.99 | 18.06 | 17.94 | | |
| 5 | 64QAM | 25 | 0 | 17.93 | 17.97 | 17.98 | | |
| 5 | 256QAM | 1 | 0 | 17.40 | 17.45 | 17.37 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.46 | 17.38 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.22 | 17.49 | 17.39 | | |
| 5 | 256QAM | 12 | 0 | 17.40 | 17.48 | 17.39 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.25 | 17.43 | 17.23 | | |
| 5 | 256QAM | 12 | 13 | 17.30 | 17.38 | 17.19 | | |
| 5 | 256QAM | 25 | 0 | 17.31 | 17.38 | 17.45 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 17.82 | 17.89 | 17.76 | 19.5 | 0 |
| 3 | QPSK | 1 | 8 | 17.74 | 17.83 | 17.86 | | |
| 3 | QPSK | 1 | 14 | 17.73 | 17.80 | 17.77 | | |
| 3 | QPSK | 8 | 0 | 17.84 | 17.81 | 17.84 | 19.5 | 0 |
| 3 | QPSK | 8 | 4 | 17.63 | 17.90 | 17.66 | | |
| 3 | QPSK | 8 | 7 | 17.73 | 17.88 | 17.76 | | |
| 3 | QPSK | 15 | 0 | 17.76 | 17.81 | 17.76 | | |
| 3 | 16QAM | 1 | 0 | 17.72 | 17.81 | 17.95 | 19.5 | 0 |
| 3 | 16QAM | 1 | 8 | 17.85 | 17.96 | 17.75 | | |
| 3 | 16QAM | 1 | 14 | 17.69 | 17.87 | 17.85 | | |
| 3 | 16QAM | 8 | 0 | 17.67 | 18.00 | 17.98 | 19.5 | 0 |
| 3 | 16QAM | 8 | 4 | 17.96 | 17.84 | 17.86 | | |
| 3 | 16QAM | 8 | 7 | 18.07 | 17.80 | 18.06 | | |
| 3 | 16QAM | 15 | 0 | 17.92 | 17.96 | 17.96 | | |
| 3 | 64QAM | 1 | 0 | 18.07 | 18.06 | 18.06 | 19.5 | 0 |
| 3 | 64QAM | 1 | 8 | 17.89 | 18.04 | 17.95 | | |
| 3 | 64QAM | 1 | 14 | 17.90 | 18.06 | 17.98 | | |
| 3 | 64QAM | 8 | 0 | 17.85 | 18.05 | 18.02 | 19.5 | 0 |
| 3 | 64QAM | 8 | 4 | 17.89 | 17.97 | 17.96 | | |
| 3 | 64QAM | 8 | 7 | 17.91 | 17.95 | 18.01 | | |
| 3 | 64QAM | 15 | 0 | 17.89 | 18.04 | 18.04 | | |
| 3 | 256QAM | 1 | 0 | 17.43 | 17.39 | 17.51 | 19 | 0.5 |
| 3 | 256QAM | 1 | 8 | 17.42 | 17.39 | 17.40 | | |
| 3 | 256QAM | 1 | 14 | 17.34 | 17.46 | 17.41 | | |
| 3 | 256QAM | 8 | 0 | 17.32 | 17.50 | 17.40 | 19 | 0.5 |
| 3 | 256QAM | 8 | 4 | 17.20 | 17.35 | 17.25 | | |
| 3 | 256QAM | 8 | 7 | 17.40 | 17.36 | 17.25 | | |
| 3 | 256QAM | 15 | 0 | 17.33 | 17.38 | 17.48 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 17.88 | 17.95 | 17.77 | 19.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 17.74 | 17.81 | 17.75 | | |
| 1.4 | QPSK | 1 | 5 | 17.74 | 17.89 | 17.84 | | |
| 1.4 | QPSK | 3 | 0 | 17.86 | 17.79 | 17.85 | | |
| 1.4 | QPSK | 3 | 1 | 17.76 | 17.91 | 17.71 | | |
| 1.4 | QPSK | 3 | 3 | 17.76 | 17.79 | 17.67 | | |
| 1.4 | QPSK | 6 | 0 | 17.86 | 17.80 | 17.90 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 17.78 | 17.84 | 17.88 | 19.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 17.78 | 17.99 | 17.84 | | |
| 1.4 | 16QAM | 1 | 5 | 17.61 | 17.95 | 17.83 | | |
| 1.4 | 16QAM | 3 | 0 | 17.63 | 17.88 | 17.90 | | |
| 1.4 | 16QAM | 3 | 1 | 17.92 | 17.89 | 17.85 | | |
| 1.4 | 16QAM | 3 | 3 | 18.04 | 17.88 | 18.09 | | |
| 1.4 | 16QAM | 6 | 0 | 17.96 | 17.98 | 17.95 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 18.06 | 18.08 | 18.09 | 19.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 17.91 | 18.06 | 17.85 | | |
| 1.4 | 64QAM | 1 | 5 | 17.92 | 18.06 | 17.93 | | |
| 1.4 | 64QAM | 3 | 0 | 17.91 | 18.08 | 18.01 | | |
| 1.4 | 64QAM | 3 | 1 | 17.97 | 18.06 | 17.88 | | |
| 1.4 | 64QAM | 3 | 3 | 17.90 | 17.89 | 17.98 | | |
| 1.4 | 64QAM | 6 | 0 | 17.98 | 17.97 | 17.99 | 19.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.47 | 17.47 | 17.47 | 19 | 0.5 |
| 1.4 | 256QAM | 1 | 3 | 17.37 | 17.33 | 17.30 | | |
| 1.4 | 256QAM | 1 | 5 | 17.32 | 17.43 | 17.30 | | |
| 1.4 | 256QAM | 3 | 0 | 17.26 | 17.41 | 17.33 | | |
| 1.4 | 256QAM | 3 | 1 | 17.16 | 17.42 | 17.28 | | |
| 1.4 | 256QAM | 3 | 3 | 17.38 | 17.38 | 17.21 | | |
| 1.4 | 256QAM | 6 | 0 | 17.37 | 17.45 | 17.42 | 19 | 0.5 |

## Band 38_Ant 1(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 | 19.99 | 20.19 | 19.93 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.91 | 19.81 | | |
| 20 | QPSK | 1 | 99 | 19.91 | 19.93 | 19.82 | | |
| 20 | QPSK | 50 | 0 | 19.76 | 20.11 | 19.77 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.53 | 19.72 | 19.56 | | |
| 20 | QPSK | 50 | 50 | 19.61 | 19.65 | 19.60 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.08 | 20.05 | | |
| 20 | 16QAM | 1 | 0 | 20.06 | 20.09 | 20.06 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.98 | 20.09 | 20.00 | | |
| 20 | 16QAM | 1 | 99 | 19.94 | 20.07 | 20.04 | | |
| 20 | 16QAM | 50 | 0 | 19.56 | 19.66 | 19.66 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.65 | 19.75 | 19.73 | | |
| 20 | 16QAM | 50 | 50 | 19.72 | 19.77 | 19.70 | | |
| 20 | 16QAM | 100 | 0 | 19.56 | 19.63 | 19.61 | | |
| 20 | 64QAM | 1 | 0 | 19.81 | 19.77 | 19.74 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.85 | 19.87 | 19.87 | | |
| 20 | 64QAM | 1 | 99 | 19.78 | 19.85 | 19.85 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.74 | 20.03 | 19.69 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.63 | 19.79 | 19.59 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.80 | 19.64 | | |
| 15 | QPSK | 36 | 0 | 19.52 | 19.86 | 19.63 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.51 | 19.64 | | |
| 15 | QPSK | 36 | 39 | 19.67 | 19.67 | 19.55 | | |
| 15 | QPSK | 75 | 0 | 19.89 | 19.97 | 19.90 | | |
| 15 | 16QAM | 1 | 0 | 19.82 | 19.94 | 19.94 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.86 | 19.92 | 19.76 | | |
| 15 | 16QAM | 1 | 74 | 19.71 | 19.84 | 19.92 | | |
| 15 | 16QAM | 36 | 0 | 19.53 | 19.51 | 19.66 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.67 | 19.52 | 19.60 | | |
| 15 | 16QAM | 36 | 39 | 19.67 | 19.54 | 19.64 | | |
| 15 | 16QAM | 75 | 0 | 19.56 | 19.60 | 19.62 | | |
| 15 | 64QAM | 1 | 0 | 19.74 | 19.75 | 19.70 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.76 | 19.88 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 19.74 | 19.76 | 19.82 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.88 | 20.00 | 19.69 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.68 | 19.68 | 19.67 | | |
| 10 | QPSK | 1 | 49 | 19.78 | 19.78 | 19.68 | | |
| 10 | QPSK | 25 | 0 | 19.65 | 19.90 | 19.62 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.57 | 19.52 | 19.56 | | |
| 10 | QPSK | 25 | 25 | 19.61 | 19.64 | 19.66 | | |
| 10 | QPSK | 50 | 0 | 19.86 | 19.93 | 19.91 | | |
| 10 | 16QAM | 1 | 0 | 19.85 | 19.88 | 19.94 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.76 | 19.94 | 19.87 | | |
| 10 | 16QAM | 1 | 49 | 19.76 | 19.93 | 19.85 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.51 | 19.63 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.51 | 19.64 | 19.55 | | |
| 10 | 16QAM | 25 | 25 | 19.77 | 19.59 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.58 | 19.62 | 19.57 | | |
| 10 | 64QAM | 1 | 0 | 19.77 | 19.70 | 19.69 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.82 | 19.81 | 19.88 | | |
| 10 | 64QAM | 1 | 49 | 19.72 | 19.84 | 19.81 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.77 | 20.00 | 19.74 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.66 | 19.74 | 19.60 | | |
| 5 | QPSK | 1 | 24 | 19.68 | 19.68 | 19.61 | | |
| 5 | QPSK | 12 | 0 | 19.65 | 19.98 | 19.63 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.58 | 19.60 | 19.57 | | |
| 5 | QPSK | 12 | 13 | 19.60 | 19.68 | 19.61 | | |
| 5 | QPSK | 25 | 0 | 19.83 | 19.95 | 19.83 | | |
| 5 | 16QAM | 1 | 0 | 19.91 | 19.93 | 19.91 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.84 | 19.91 | 19.89 | | |
| 5 | 16QAM | 1 | 24 | 19.83 | 19.90 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.57 | 19.51 | 19.54 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.66 | 19.54 | 19.60 | | |
| 5 | 16QAM | 12 | 13 | 19.77 | 19.59 | 19.65 | | |
| 5 | 16QAM | 25 | 0 | 19.56 | 19.62 | 19.61 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.71 | 19.66 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.81 | 19.90 | 19.89 | | |
| 5 | 64QAM | 1 | 24 | 19.75 | 19.86 | 19.77 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 17.77 | 17.79 | 17.77 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 17.75 | 17.62 | 17.68 | | |
| 20 | QPSK | 1 | 99 | 17.69 | 17.65 | 17.64 | | |
| 20 | QPSK | 50 | 0 | 17.69 | 17.75 | 17.62 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 17.63 | 17.60 | 17.54 | | |
| 20 | QPSK | 50 | 50 | 17.62 | 17.50 | 17.51 | | |
| 20 | QPSK | 100 | 0 | 17.67 | 17.73 | 17.64 | | |
| 20 | 16QAM | 1 | 0 | 17.62 | 17.53 | 17.67 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 17.62 | 17.62 | 17.57 | | |
| 20 | 16QAM | 1 | 99 | 17.77 | 17.74 | 17.77 | | |
| 20 | 16QAM | 50 | 0 | 17.75 | 17.62 | 17.68 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 17.69 | 17.65 | 17.64 | | |
| 20 | 16QAM | 50 | 50 | 17.62 | 17.65 | 17.67 | | |
| 20 | 16QAM | 100 | 0 | 17.73 | 17.57 | 17.64 | | |
| 20 | 64QAM | 1 | 0 | 17.63 | 17.52 | 17.52 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 17.66 | 17.73 | 17.62 | | |
| 20 | 64QAM | 1 | 99 | 17.67 | 17.48 | 17.56 | | |
| 20 | 64QAM | 50 | 0 | 17.60 | 17.53 | 17.62 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 17.75 | 17.71 | 17.74 | | |
| 20 | 64QAM | 50 | 50 | 17.69 | 17.60 | 17.53 | | |
| 20 | 64QAM | 100 | 0 | 17.63 | 17.51 | 17.52 | | |
| 20 | 256QAM | 1 | 0 | 17.70 | 17.61 | 17.69 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 17.73 | 17.57 | 17.63 | | |
| 20 | 256QAM | 1 | 99 | 17.55 | 17.59 | 17.55 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.67 | 17.65 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 17.65 | 17.71 | 17.76 | | |
| 20 | 256QAM | 50 | 50 | 17.60 | 17.54 | 17.55 | | |
| 20 | 256QAM | 100 | 0 | 17.54 | 17.57 | 17.56 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 17.72 | 17.64 | 17.70 | 19 | 0 |
| 15 | QPSK | 1 | 37 | 17.65 | 17.58 | 17.60 | | |
| 15 | QPSK | 1 | 74 | 17.56 | 17.53 | 17.57 | | |
| 15 | QPSK | 36 | 0 | 17.59 | 17.67 | 17.59 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 17.59 | 17.59 | 17.49 | | |
| 15 | QPSK | 36 | 39 | 17.49 | 17.37 | 17.38 | | |
| 15 | QPSK | 75 | 0 | 17.58 | 17.64 | 17.61 | | |
| 15 | 16QAM | 1 | 0 | 17.47 | 17.44 | 17.63 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 17.54 | 17.52 | 17.52 | | |
| 15 | 16QAM | 1 | 74 | 17.68 | 17.61 | 17.66 | | |
| 15 | 16QAM | 36 | 0 | 17.60 | 17.48 | 17.62 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 17.57 | 17.51 | 17.63 | | |
| 15 | 16QAM | 36 | 39 | 17.52 | 17.61 | 17.52 | | |
| 15 | 16QAM | 75 | 0 | 17.71 | 17.44 | 17.57 | | |
| 15 | 64QAM | 1 | 0 | 17.60 | 17.37 | 17.43 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 17.59 | 17.66 | 17.47 | | |
| 15 | 64QAM | 1 | 74 | 17.63 | 17.33 | 17.41 | | |
| 15 | 64QAM | 36 | 0 | 17.45 | 17.45 | 17.54 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 17.66 | 17.70 | 17.62 | | |
| 15 | 64QAM | 36 | 39 | 17.54 | 17.59 | 17.47 | | |
| 15 | 64QAM | 75 | 0 | 17.62 | 17.50 | 17.49 | | |
| 15 | 256QAM | 1 | 0 | 17.64 | 17.56 | 17.65 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 17.70 | 17.48 | 17.58 | | |
| 15 | 256QAM | 1 | 74 | 17.52 | 17.58 | 17.49 | | |
| 15 | 256QAM | 36 | 0 | 17.64 | 17.62 | 17.54 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 17.58 | 17.70 | 17.68 | | |
| 15 | 256QAM | 36 | 39 | 17.53 | 17.52 | 17.41 | | |
| 15 | 256QAM | 75 | 0 | 17.52 | 17.44 | 17.45 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 17.74 | 17.63 | 17.72 | 19 | 0 |
| 10 | QPSK | 1 | 25 | 17.68 | 17.60 | 17.56 | | |
| 10 | QPSK | 1 | 49 | 17.59 | 17.51 | 17.53 | | |
| 10 | QPSK | 25 | 0 | 17.56 | 17.57 | 17.59 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 17.48 | 17.47 | 17.46 | | |
| 10 | QPSK | 25 | 25 | 17.55 | 17.40 | 17.36 | | |
| 10 | QPSK | 50 | 0 | 17.65 | 17.61 | 17.49 | | |
| 10 | 16QAM | 1 | 0 | 17.53 | 17.47 | 17.65 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 17.49 | 17.50 | 17.43 | | |
| 10 | 16QAM | 1 | 49 | 17.76 | 17.65 | 17.67 | | |
| 10 | 16QAM | 25 | 0 | 17.63 | 17.48 | 17.62 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 17.56 | 17.57 | 17.56 | | |
| 10 | 16QAM | 25 | 25 | 17.54 | 17.60 | 17.58 | | |
| 10 | 16QAM | 50 | 0 | 17.65 | 17.51 | 17.60 | | |
| 10 | 64QAM | 1 | 0 | 17.51 | 17.38 | 17.51 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 17.54 | 17.64 | 17.61 | | |
| 10 | 64QAM | 1 | 49 | 17.53 | 17.34 | 17.44 | | |
| 10 | 64QAM | 25 | 0 | 17.57 | 17.38 | 17.61 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 17.63 | 17.59 | 17.66 | | |
| 10 | 64QAM | 25 | 25 | 17.65 | 17.48 | 17.47 | | |
| 10 | 64QAM | 50 | 0 | 17.62 | 17.40 | 17.48 | | |
| 10 | 256QAM | 1 | 0 | 17.62 | 17.55 | 17.65 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 17.60 | 17.54 | 17.62 | | |
| 10 | 256QAM | 1 | 49 | 17.54 | 17.53 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.64 | 17.57 | 17.64 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.62 | 17.65 | | |
| 10 | 256QAM | 25 | 25 | 17.52 | 17.42 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.40 | 17.55 | 17.49 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 17.67 | 17.73 | 17.63 | 19 | 0 |
| 5 | QPSK | 1 | 12 | 17.62 | 17.48 | 17.60 | | |
| 5 | QPSK | 1 | 24 | 17.56 | 17.54 | 17.53 | | |
| 5 | QPSK | 12 | 0 | 17.63 | 17.65 | 17.60 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 17.48 | 17.48 | 17.43 | | |
| 5 | QPSK | 12 | 13 | 17.47 | 17.37 | 17.50 | | |
| 5 | QPSK | 25 | 0 | 17.59 | 17.64 | 17.49 | | |
| 5 | 16QAM | 1 | 0 | 17.50 | 17.45 | 17.56 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 17.51 | 17.60 | 17.47 | | |
| 5 | 16QAM | 1 | 24 | 17.66 | 17.70 | 17.71 | | |
| 5 | 16QAM | 12 | 0 | 17.61 | 17.60 | 17.61 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 17.68 | 17.58 | 17.59 | | |
| 5 | 16QAM | 12 | 13 | 17.50 | 17.58 | 17.62 | | |
| 5 | 16QAM | 25 | 0 | 17.70 | 17.53 | 17.59 | | |
| 5 | 64QAM | 1 | 0 | 17.59 | 17.50 | 17.42 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 17.60 | 17.62 | 17.60 | | |
| 5 | 64QAM | 1 | 24 | 17.60 | 17.39 | 17.51 | | |
| 5 | 64QAM | 12 | 0 | 17.53 | 17.41 | 17.60 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 17.60 | 17.63 | 17.66 | | |
| 5 | 64QAM | 12 | 13 | 17.63 | 17.53 | 17.39 | | |
| 5 | 64QAM | 25 | 0 | 17.58 | 17.45 | 17.40 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.59 | 17.68 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 17.63 | 17.46 | 17.48 | | |
| 5 | 256QAM | 1 | 24 | 17.53 | 17.50 | 17.50 | | |
| 5 | 256QAM | 12 | 0 | 17.71 | 17.63 | 17.57 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 17.60 | 17.63 | 17.70 | | |
| 5 | 256QAM | 12 | 13 | 17.46 | 17.44 | 17.41 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.52 | 17.48 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 20.47 | 20.47 | 20.52 | 20.45 | 19.99 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.29 | 20.32 | 20.32 | 19.83 | | |
| 20 | QPSK | 1 | 99 | 20.36 | 20.34 | 20.35 | 20.38 | 19.87 | | |
| 20 | QPSK | 50 | 0 | 20.46 | 20.35 | 20.49 | 20.41 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.29 | 20.25 | 20.28 | 20.39 | 19.89 | | |
| 20 | QPSK | 50 | 50 | 20.31 | 20.32 | 20.38 | 20.37 | 19.82 | | |
| 20 | QPSK | 100 | 0 | 20.30 | 20.31 | 20.33 | 20.25 | 19.86 | | |
| 20 | 16QAM | 1 | 0 | 20.31 | 20.24 | 20.37 | 20.45 | 19.79 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.34 | 20.36 | 20.42 | 19.85 | | |
| 20 | 16QAM | 1 | 99 | 20.30 | 20.25 | 20.33 | 20.44 | 19.88 | | |
| 20 | 16QAM | 50 | 0 | 20.39 | 20.38 | 20.41 | 20.26 | 20.09 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.34 | 20.32 | 20.39 | 20.19 | 20.00 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.39 | 20.40 | 20.15 | 20.05 | | |
| 20 | 16QAM | 100 | 0 | 20.28 | 20.30 | 20.33 | 20.19 | 20.02 | | |
| 20 | 64QAM | 1 | 0 | 20.51 | 20.50 | 20.48 | 20.12 | 20.08 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.42 | 20.11 | 19.94 | | |
| 20 | 64QAM | 1 | 99 | 20.47 | 20.51 | 20.44 | 20.09 | 20.03 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.33 | 20.26 | 20.27 | 20.33 | 19.92 | 21.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.09 | 20.09 | 20.13 | 20.26 | 19.67 | | |
| 15 | QPSK | 1 | 74 | 20.16 | 20.10 | 20.15 | 20.29 | 19.67 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.17 | 20.25 | 20.24 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.04 | 20.08 | 20.15 | 20.28 | 19.82 | | |
| 15 | QPSK | 36 | 39 | 20.10 | 20.18 | 20.17 | 20.23 | 19.71 | | |
| 15 | QPSK | 75 | 0 | 20.14 | 20.13 | 20.19 | 20.13 | 19.82 | | |
| 15 | 16QAM | 1 | 0 | 20.17 | 20.07 | 20.24 | 20.39 | 19.70 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.18 | 20.13 | 20.17 | 20.35 | 19.84 | | |
| 15 | 16QAM | 1 | 74 | 20.18 | 20.00 | 20.11 | 20.35 | 19.68 | | |
| 15 | 16QAM | 36 | 0 | 20.15 | 20.20 | 20.18 | 20.11 | 20.05 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.20 | 20.14 | 20.27 | 20.10 | 19.97 | | |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.20 | 20.44 | 20.15 | 19.92 | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.28 | 20.24 | 20.13 | 19.90 | | |
| 15 | 64QAM | 1 | 0 | 20.46 | 20.51 | 20.50 | 19.94 | 19.98 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.52 | 20.41 | 20.46 | 19.97 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 20.50 | 20.42 | 20.44 | 20.04 | 19.88 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.67 | 17.58 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.31 | 20.32 | 20.28 | 20.39 | 19.94 | 21.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.15 | 20.11 | 20.12 | 20.14 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 20.19 | 20.12 | 20.22 | 20.36 | 19.72 | | |
| 10 | QPSK | 25 | 0 | 20.23 | 20.16 | 20.33 | 20.25 | 19.81 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.11 | 20.13 | 20.16 | 20.25 | 19.73 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.20 | 20.25 | 20.34 | 19.74 | | |
| 10 | QPSK | 50 | 0 | 20.13 | 20.11 | 20.18 | 20.09 | 19.85 | | |
| 10 | 16QAM | 1 | 0 | 20.10 | 20.07 | 20.24 | 20.37 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.12 | 20.13 | 20.18 | 20.35 | 19.77 | | |
| 10 | 16QAM | 1 | 49 | 20.15 | 20.07 | 20.10 | 20.31 | 19.79 | | |
| 10 | 16QAM | 25 | 0 | 20.21 | 20.26 | 20.16 | 20.21 | 20.08 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.15 | 20.21 | 20.20 | 20.00 | 19.97 | | |
| 10 | 16QAM | 25 | 25 | 20.27 | 20.22 | 20.33 | 19.99 | 20.03 | | |
| 10 | 16QAM | 50 | 0 | 20.29 | 20.31 | 20.24 | 20.02 | 20.01 | | |
| 10 | 64QAM | 1 | 0 | 20.42 | 20.44 | 20.42 | 19.93 | 20.01 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.47 | 20.41 | 20.43 | 20.08 | 19.85 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.46 | 19.93 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.30 | 20.25 | 20.29 | 20.29 | 19.87 | 21.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.18 | 20.18 | 20.10 | 20.12 | 19.79 | | |
| 5 | QPSK | 1 | 24 | 20.21 | 20.12 | 20.17 | 20.20 | 19.78 | | |
| 5 | QPSK | 12 | 0 | 20.33 | 20.13 | 20.24 | 20.26 | 19.88 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.10 | 20.05 | 20.05 | 20.30 | 19.73 | | |
| 5 | QPSK | 12 | 13 | 20.17 | 20.07 | 20.21 | 20.27 | 19.75 | | |
| 5 | QPSK | 25 | 0 | 20.09 | 20.08 | 20.22 | 20.23 | 19.75 | | |
| 5 | 16QAM | 1 | 0 | 20.20 | 20.04 | 20.23 | 20.26 | 19.72 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.12 | 20.24 | 20.22 | 19.78 | | |
| 5 | 16QAM | 1 | 24 | 20.14 | 20.04 | 20.14 | 20.34 | 19.80 | | |
| 5 | 16QAM | 12 | 0 | 20.14 | 20.23 | 20.27 | 20.14 | 20.01 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.22 | 20.13 | 20.28 | 20.08 | 19.84 | | |
| 5 | 16QAM | 12 | 13 | 20.36 | 20.25 | 20.44 | 19.98 | 19.92 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.34 | 20.34 | 20.00 | 19.91 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.46 | 20.50 | 19.97 | 19.94 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.46 | 20.48 | 19.91 | 19.74 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.45 | 20.46 | 19.96 | 19.91 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 18.62 | 18.54 | 18.67 | 18.53 | 18.55 | 19 | 0 |
| 20 | QPSK | 1 | 49 | 18.58 | 18.47 | 18.56 | 18.43 | 18.49 | | |
| 20 | QPSK | 1 | 99 | 18.47 | 18.41 | 18.44 | 18.40 | 18.49 | | |
| 20 | QPSK | 50 | 0 | 18.52 | 18.44 | 18.66 | 18.43 | 18.47 | 19 | 0 |
| 20 | QPSK | 50 | 24 | 18.44 | 18.43 | 18.44 | 18.36 | 18.42 | | |
| 20 | QPSK | 50 | 50 | 18.33 | 18.38 | 18.43 | 18.28 | 18.44 | | |
| 20 | QPSK | 100 | 0 | 18.50 | 18.46 | 18.65 | 18.40 | 18.54 | | |
| 20 | 16QAM | 1 | 0 | 18.56 | 18.44 | 18.50 | 18.34 | 18.47 | 19 | 0 |
| 20 | 16QAM | 1 | 49 | 18.36 | 18.26 | 18.31 | 18.36 | 18.35 | | |
| 20 | 16QAM | 1 | 99 | 18.50 | 18.43 | 18.64 | 18.40 | 18.51 | | |
| 20 | 16QAM | 50 | 0 | 18.46 | 18.45 | 18.43 | 18.42 | 18.38 | 19 | 0 |
| 20 | 16QAM | 50 | 24 | 18.38 | 18.38 | 18.41 | 18.33 | 18.42 | | |
| 20 | 16QAM | 50 | 50 | 18.57 | 18.41 | 18.62 | 18.48 | 18.43 | | |
| 20 | 16QAM | 100 | 0 | 18.51 | 18.36 | 18.52 | 18.42 | 18.46 | | |
| 20 | 64QAM | 1 | 0 | 18.32 | 18.34 | 18.40 | 18.37 | 18.40 | 19 | 0 |
| 20 | 64QAM | 1 | 49 | 18.48 | 18.41 | 18.58 | 18.42 | 18.49 | | |
| 20 | 64QAM | 1 | 99 | 18.50 | 18.45 | 18.50 | 18.35 | 18.44 | | |
| 20 | 64QAM | 50 | 0 | 18.35 | 18.32 | 18.43 | 18.35 | 18.40 | 19 | 0 |
| 20 | 64QAM | 50 | 24 | 18.48 | 18.40 | 18.54 | 18.40 | 18.48 | | |
| 20 | 64QAM | 50 | 50 | 18.54 | 18.35 | 18.46 | 18.41 | 18.46 | | |
| 20 | 64QAM | 100 | 0 | 18.39 | 18.29 | 18.32 | 18.38 | 18.43 | | |
| 20 | 256QAM | 1 | 0 | 18.55 | 18.44 | 18.59 | 18.47 | 18.53 | 19 | 0 |
| 20 | 256QAM | 1 | 49 | 18.48 | 18.43 | 18.50 | 18.40 | 18.45 | | |
| 20 | 256QAM | 1 | 99 | 18.44 | 18.32 | 18.31 | 18.33 | 18.43 | | |
| 20 | 256QAM | 50 | 0 | 18.60 | 18.53 | 18.62 | 18.41 | 18.51 | 19 | 0 |
| 20 | 256QAM | 50 | 24 | 18.50 | 18.39 | 18.65 | 18.38 | 18.46 | | |
| 20 | 256QAM | 50 | 50 | 18.55 | 18.33 | 18.53 | 18.31 | 18.35 | | |
| 20 | 256QAM | 100 | 0 | 18.44 | 18.37 | 18.41 | 18.27 | 18.41 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 18.57 | 18.53 | 18.60 | 18.52 | 18.49 | 19.00 | 0 |
| 15 | QPSK | 1 | 37 | 18.50 | 18.33 | 18.49 | 18.40 | 18.48 | | |
| 15 | QPSK | 1 | 74 | 18.39 | 18.29 | 18.38 | 18.32 | 18.46 | | |
| 15 | QPSK | 36 | 0 | 18.41 | 18.41 | 18.54 | 18.35 | 18.46 | 19 | 0 |
| 15 | QPSK | 36 | 20 | 18.38 | 18.39 | 18.40 | 18.24 | 18.27 | | |
| 15 | QPSK | 36 | 39 | 18.20 | 18.36 | 18.33 | 18.23 | 18.35 | | |
| 15 | QPSK | 75 | 0 | 18.45 | 18.42 | 18.61 | 18.38 | 18.44 | | |
| 15 | 16QAM | 1 | 0 | 18.45 | 18.30 | 18.41 | 18.27 | 18.42 | 19 | 0 |
| 15 | 16QAM | 1 | 37 | 18.26 | 18.23 | 18.29 | 18.35 | 18.26 | | |
| 15 | 16QAM | 1 | 74 | 18.40 | 18.33 | 18.49 | 18.36 | 18.43 | | |
| 15 | 16QAM | 36 | 0 | 18.35 | 18.43 | 18.37 | 18.29 | 18.27 | 19 | 0 |
| 15 | 16QAM | 36 | 20 | 18.26 | 18.32 | 18.38 | 18.20 | 18.34 | | |
| 15 | 16QAM | 36 | 39 | 18.44 | 18.32 | 18.48 | 18.34 | 18.42 | | |
| 15 | 16QAM | 75 | 0 | 18.37 | 18.27 | 18.42 | 18.33 | 18.44 | | |
| 15 | 64QAM | 1 | 0 | 18.28 | 18.33 | 18.31 | 18.30 | 18.27 | 19 | 0 |
| 15 | 64QAM | 1 | 37 | 18.37 | 18.29 | 18.51 | 18.35 | 18.37 | | |
| 15 | 64QAM | 1 | 74 | 18.44 | 18.40 | 18.38 | 18.24 | 18.29 | | |
| 15 | 64QAM | 36 | 0 | 18.30 | 18.18 | 18.40 | 18.31 | 18.39 | 19 | 0 |
| 15 | 64QAM | 36 | 20 | 18.44 | 18.39 | 18.53 | 18.34 | 18.45 | | |
| 15 | 64QAM | 36 | 39 | 18.52 | 18.27 | 18.36 | 18.31 | 18.44 | | |
| 15 | 64QAM | 75 | 0 | 18.26 | 18.18 | 18.28 | 18.27 | 18.32 | | |
| 15 | 256QAM | 1 | 0 | 18.53 | 18.37 | 18.48 | 18.44 | 18.38 | 19 | 0 |
| 15 | 256QAM | 1 | 37 | 18.45 | 18.36 | 18.36 | 18.31 | 18.31 | | |
| 15 | 256QAM | 1 | 74 | 18.32 | 18.18 | 18.23 | 18.31 | 18.36 | | |
| 15 | 256QAM | 36 | 0 | 18.53 | 18.51 | 18.52 | 18.33 | 18.46 | 19 | 0 |
| 15 | 256QAM | 36 | 20 | 18.45 | 18.27 | 18.52 | 18.23 | 18.39 | | |
| 15 | 256QAM | 36 | 39 | 18.51 | 18.31 | 18.42 | 18.21 | 18.32 | | |
| 15 | 256QAM | 75 | 0 | 18.36 | 18.27 | 18.33 | 18.15 | 18.34 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.54 | 18.48 | 18.53 | 18.42 | 18.46 | 19.00 | 0 |
| 10 | QPSK | 1 | 25 | 18.48 | 18.33 | 18.41 | 18.29 | 18.42 | | |
| 10 | QPSK | 1 | 49 | 18.33 | 18.29 | 18.41 | 18.34 | 18.41 | | |
| 10 | QPSK | 25 | 0 | 18.39 | 18.43 | 18.56 | 18.34 | 18.34 | 19 | 0 |
| 10 | QPSK | 25 | 12 | 18.43 | 18.41 | 18.30 | 18.24 | 18.40 | | |
| 10 | QPSK | 25 | 25 | 18.32 | 18.32 | 18.29 | 18.24 | 18.37 | | |
| 10 | QPSK | 50 | 0 | 18.42 | 18.31 | 18.60 | 18.28 | 18.41 | | |
| 10 | 16QAM | 1 | 0 | 18.51 | 18.31 | 18.41 | 18.23 | 18.42 | 19 | 0 |
| 10 | 16QAM | 1 | 25 | 18.34 | 18.18 | 18.16 | 18.23 | 18.23 | | |
| 10 | 16QAM | 1 | 49 | 18.42 | 18.32 | 18.62 | 18.32 | 18.46 | | |
| 10 | 16QAM | 25 | 0 | 18.40 | 18.32 | 18.35 | 18.40 | 18.23 | 19 | 0 |
| 10 | 16QAM | 25 | 12 | 18.35 | 18.29 | 18.27 | 18.26 | 18.37 | | |
| 10 | 16QAM | 25 | 25 | 18.49 | 18.40 | 18.59 | 18.35 | 18.30 | | |
| 10 | 16QAM | 50 | 0 | 18.38 | 18.30 | 18.40 | 18.35 | 18.42 | | |
| 10 | 64QAM | 1 | 0 | 18.24 | 18.33 | 18.28 | 18.26 | 18.35 | 19 | 0 |
| 10 | 64QAM | 1 | 25 | 18.36 | 18.36 | 18.51 | 18.33 | 18.38 | | |
| 10 | 64QAM | 1 | 49 | 18.47 | 18.40 | 18.43 | 18.27 | 18.41 | | |
| 10 | 64QAM | 25 | 0 | 18.25 | 18.26 | 18.42 | 18.25 | 18.29 | 19 | 0 |
| 10 | 64QAM | 25 | 12 | 18.41 | 18.31 | 18.39 | 18.39 | 18.35 | | |
| 10 | 64QAM | 25 | 25 | 18.49 | 18.24 | 18.45 | 18.38 | 18.43 | | |
| 10 | 64QAM | 50 | 0 | 18.35 | 18.23 | 18.23 | 18.24 | 18.28 | | |
| 10 | 256QAM | 1 | 0 | 18.47 | 18.36 | 18.47 | 18.32 | 18.44 | 19 | 0 |
| 10 | 256QAM | 1 | 25 | 18.40 | 18.32 | 18.46 | 18.31 | 18.35 | | |
| 10 | 256QAM | 1 | 49 | 18.38 | 18.22 | 18.30 | 18.28 | 18.36 | | |
| 10 | 256QAM | 25 | 0 | 18.49 | 18.43 | 18.47 | 18.39 | 18.47 | 19 | 0 |
| 10 | 256QAM | 25 | 12 | 18.48 | 18.34 | 18.54 | 18.32 | 18.37 | | |
| 10 | 256QAM | 25 | 25 | 18.50 | 18.31 | 18.52 | 18.16 | 18.22 | | |
| 10 | 256QAM | 50 | 0 | 18.39 | 18.22 | 18.38 | 18.24 | 18.29 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 18.45 | 18.47 | 18.48 | 18.36 | 18.52 | 19.00 | 0 |
| 5 | QPSK | 1 | 12 | 18.35 | 18.23 | 18.35 | 18.33 | 18.49 | | |
| 5 | QPSK | 1 | 24 | 18.28 | 18.15 | 18.30 | 18.29 | 18.47 | | |
| 5 | QPSK | 12 | 0 | 18.25 | 18.41 | 18.48 | 18.24 | 18.40 | 19 | 0 |
| 5 | QPSK | 12 | 7 | 18.35 | 18.31 | 18.27 | 18.26 | 18.43 | | |
| 5 | QPSK | 12 | 13 | 18.21 | 18.21 | 18.25 | 18.15 | 18.27 | | |
| 5 | QPSK | 25 | 0 | 18.39 | 18.23 | 18.50 | 18.34 | 18.37 | | |
| 5 | 16QAM | 1 | 0 | 18.38 | 18.16 | 18.29 | 18.15 | 18.37 | 19 | 0 |
| 5 | 16QAM | 1 | 12 | 18.30 | 18.04 | 18.14 | 18.14 | 18.23 | | |
| 5 | 16QAM | 1 | 24 | 18.32 | 18.21 | 18.58 | 18.34 | 18.44 | | |
| 5 | 16QAM | 12 | 0 | 18.37 | 18.19 | 18.31 | 18.36 | 18.26 | 19 | 0 |
| 5 | 16QAM | 12 | 7 | 18.20 | 18.21 | 18.26 | 18.32 | 18.31 | | |
| 5 | 16QAM | 12 | 13 | 18.60 | 18.35 | 18.63 | 18.32 | 18.30 | | |
| 5 | 16QAM | 25 | 0 | 18.48 | 18.37 | 18.49 | 18.35 | 18.50 | | |
| 5 | 64QAM | 1 | 0 | 18.27 | 18.34 | 18.43 | 18.22 | 18.37 | 19 | 0 |
| 5 | 64QAM | 1 | 12 | 18.46 | 18.42 | 18.56 | 18.28 | 18.28 | | |
| 5 | 64QAM | 1 | 24 | 18.57 | 18.53 | 18.47 | 18.22 | 18.51 | | |
| 5 | 64QAM | 12 | 0 | 18.33 | 18.31 | 18.49 | 18.29 | 18.28 | 19 | 0 |
| 5 | 64QAM | 12 | 7 | 18.50 | 18.42 | 18.50 | 18.31 | 18.36 | | |
| 5 | 64QAM | 12 | 13 | 18.63 | 18.36 | 18.55 | 18.32 | 18.51 | | |
| 5 | 64QAM | 25 | 0 | 18.45 | 18.37 | 18.35 | 18.20 | 18.37 | | |
| 5 | 256QAM | 1 | 0 | 18.54 | 18.42 | 18.62 | 18.38 | 18.51 | 19 | 0 |
| 5 | 256QAM | 1 | 12 | 18.53 | 18.36 | 18.51 | 18.23 | 18.28 | | |
| 5 | 256QAM | 1 | 24 | 18.53 | 18.27 | 18.33 | 18.31 | 18.45 | | |
| 5 | 256QAM | 12 | 0 | 18.51 | 18.46 | 18.50 | 18.48 | 18.40 | 19 | 0 |
| 5 | 256QAM | 12 | 7 | 18.60 | 18.38 | 18.64 | 18.27 | 18.27 | | |
| 5 | 256QAM | 12 | 13 | 18.63 | 18.45 | 18.61 | 18.20 | 18.28 | | |
| 5 | 256QAM | 25 | 0 | 18.53 | 18.28 | 18.41 | 18.27 | 18.37 | | |

## Band 42_Ant 5

| 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 | 15.52 | 15.58 | 15.38 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.32 | 15.24 | 15.26 | | |
| 20 | QPSK | 1 | 99 | 15.43 | 15.46 | 15.33 | | |
| 20 | QPSK | 50 | 0 | 15.56 | 15.57 | 15.55 | 17 | 0 |
| 20 | QPSK | 50 | 24 | 15.43 | 15.42 | 15.33 | | |
| 20 | QPSK | 50 | 50 | 15.34 | 15.37 | 15.46 | | |
| 20 | QPSK | 100 | 0 | 15.34 | 15.56 | 15.47 | | |
| 20 | 16QAM | 1 | 0 | 15.49 | 15.21 | 15.23 | 17 | 0 |
| 20 | 16QAM | 1 | 49 | 15.20 | 15.26 | 15.26 | | |
| 20 | 16QAM | 1 | 99 | 15.22 | 15.29 | 15.21 | | |
| 20 | 16QAM | 50 | 0 | 15.34 | 15.53 | 15.39 | 17 | 0 |
| 20 | 16QAM | 50 | 24 | 15.41 | 15.48 | 15.32 | | |
| 20 | 16QAM | 50 | 50 | 15.27 | 15.29 | 15.38 | | |
| 20 | 16QAM | 100 | 0 | 15.49 | 15.50 | 15.49 | | |
| 20 | 64QAM | 1 | 0 | 15.21 | 15.40 | 15.14 | 17 | 0 |
| 20 | 64QAM | 1 | 49 | 15.42 | 15.33 | 15.25 | | |
| 20 | 64QAM | 1 | 99 | 15.41 | 15.45 | 15.28 | | |
| 20 | 64QAM | 50 | 0 | 15.31 | 15.36 | 15.10 | 17 | 0 |
| 20 | 64QAM | 50 | 24 | 15.38 | 15.42 | 15.33 | | |
| 20 | 64QAM | 50 | 50 | 15.25 | 15.50 | 15.33 | | |
| 20 | 64QAM | 100 | 0 | 15.40 | 15.24 | 15.26 | | |
| 20 | 256QAM | 1 | 0 | 15.30 | 15.40 | 15.26 | 17 | 0 |
| 20 | 256QAM | 1 | 49 | 15.29 | 15.34 | 15.34 | | |
| 20 | 256QAM | 1 | 99 | 15.42 | 15.36 | 15.24 | | |
| 20 | 256QAM | 50 | 0 | 15.36 | 15.40 | 15.29 | 17 | 0 |
| 20 | 256QAM | 50 | 24 | 15.29 | 15.45 | 15.40 | | |
| 20 | 256QAM | 50 | 50 | 15.29 | 15.36 | 15.25 | | |
| 20 | 256QAM | 100 | 0 | 15.25 | 15.27 | 15.37 | | |
| Channel | | | | 43165 | 43340 | 43515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3557.5 | 3575 | 3592.5 | | |
| 15 | QPSK | 1 | 0 | 15.39 | 15.37 | 15.24 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.10 | 15.09 | 15.08 | | |
| 15 | QPSK | 1 | 74 | 15.29 | 15.29 | 15.19 | | |
| 15 | QPSK | 36 | 0 | 15.36 | 15.41 | 15.42 | 17 | 0 |
| 15 | QPSK | 36 | 20 | 15.23 | 15.27 | 15.19 | | |
| 15 | QPSK | 36 | 39 | 15.13 | 15.18 | 15.24 | | |
| 15 | QPSK | 75 | 0 | 15.22 | 15.41 | 15.26 | | |
| 15 | 16QAM | 1 | 0 | 15.29 | 15.05 | 15.10 | 17 | 0 |
| 15 | 16QAM | 1 | 37 | 15.07 | 15.06 | 15.05 | | |
| 15 | 16QAM | 1 | 74 | 15.07 | 15.16 | 15.04 | | |
| 15 | 16QAM | 36 | 0 | 15.21 | 15.38 | 15.17 | 17 | 0 |
| 15 | 16QAM | 36 | 20 | 15.25 | 15.30 | 15.12 | | |
| 15 | 16QAM | 36 | 39 | 15.05 | 15.13 | 15.22 | | |
| 15 | 16QAM | 75 | 0 | 15.32 | 15.31 | 15.32 | | |
| 15 | 64QAM | 1 | 0 | 15.06 | 15.21 | 15.02 | 17 | 0 |
| 15 | 64QAM | 1 | 37 | 15.27 | 15.18 | 15.08 | | |
| 15 | 64QAM | 1 | 74 | 15.23 | 15.25 | 15.12 | | |
| 15 | 64QAM | 36 | 0 | 15.09 | 15.24 | 15.11 | 17 | 0 |
| 15 | 64QAM | 36 | 20 | 15.22 | 15.28 | 15.15 | | |
| 15 | 64QAM | 36 | 39 | 15.03 | 15.36 | 15.20 | | |
| 15 | 64QAM | 75 | 0 | 15.24 | 15.09 | 15.14 | | |
| 15 | 256QAM | 1 | 0 | 15.09 | 15.26 | 15.11 | 17 | 0 |
| 15 | 256QAM | 1 | 37 | 15.15 | 15.13 | 15.13 | | |
| 15 | 256QAM | 1 | 74 | 15.23 | 15.17 | 15.11 | | |
| 15 | 256QAM | 36 | 0 | 15.17 | 15.22 | 15.14 | 17 | 0 |
| 15 | 256QAM | 36 | 20 | 15.17 | 15.30 | 15.28 | | |
| 15 | 256QAM | 36 | 39 | 15.17 | 15.22 | 15.07 | | |
| 15 | 256QAM | 75 | 0 | 15.11 | 15.15 | 15.16 | | |
| Channel | | | | 43140 | 43340 | 43540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3555 | 3575 | 3595 | | |
| 10 | QPSK | 1 | 0 | 15.32 | 15.36 | 15.17 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.19 | 15.10 | 15.05 | | |
| 10 | QPSK | 1 | 49 | 15.23 | 15.29 | 15.11 | | |
| 10 | QPSK | 25 | 0 | 15.36 | 15.39 | 15.40 | 17 | 0 |
| 10 | QPSK | 25 | 

# Reduced Power for DSI 6

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.20 | 32.22 | 32.18 | 33.50 | 23.20 | 23.22 | 23.18 | 24.50 |
| GPRS 1 Tx slot | 32.28 | 32.30 | 32.25 | 33.50 | 23.28 | 23.30 | 23.25 | 24.50 |
| GPRS 2 Tx slots | 30.15 | 30.22 | 30.21 | 31.50 | 24.15 | 24.22 | 24.21 | 25.50 |
| GPRS 3 Tx slots | 27.58 | 27.70 | 27.62 | 29.00 | 23.32 | 23.44 | 23.36 | 24.74 |
| GPRS 4 Tx slots | 25.51 | 25.68 | 25.65 | 27.00 | 22.51 | 22.68 | 22.65 | 24.00 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.10 | 29.30 | 29.15 | 30.50 | 20.10 | 20.30 | 20.15 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.33 | 29.20 | 30.50 | 20.17 | 20.33 | 20.20 | 21.50 |
| GPRS 2 Tx slots | 26.96 | 27.10 | 27.02 | 28.00 | 20.96 | 21.10 | 21.02 | 22.00 |
| GPRS 3 Tx slots | 24.92 | 25.00 | 24.88 | 26.00 | 20.66 | 20.74 | 20.62 | 21.74 |
| GPRS 4 Tx slots | 22.38 | 22.55 | 22.45 | 24.00 | 19.38 | 19.55 | 19.45 | 21.00 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.50 | 15.87 | 16.00 | 15.92 | 17.50 |
| EDGE 2 Tx slots | 22.90 | 22.98 | 22.88 | 24.50 | 16.90 | 16.98 | 16.88 | 18.50 |
| EDGE 3 Tx slots | 20.67 | 20.70 | 20.64 | 22.00 | 16.41 | 16.44 | 16.38 | 17.74 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 19.58 | 19.56 | 19.48 | 21.00 | 20.63 | 20.78 | 20.76 | 22.00 | 22.62 | 22.66 | 22.54 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 19.65 | 19.73 | 19.67 | 21.00 | 20.73 | 20.87 | 20.78 | 22.00 | 22.69 | 22.70 | 22.67 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 18.68 | 18.60 | 18.68 | 20.00 | 19.61 | 19.87 | 19.81 | 21.00 | 21.70 | 21.76 | 21.66 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 18.66 | 18.66 | 18.66 | 20.00 | 19.72 | 19.82 | 19.79 | 21.00 | 21.72 | 21.75 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 18.06 | 18.18 | 18.12 | 19.50 | 19.10 | 19.34 | 18.96 | 20.50 | 21.22 | 21.25 | 21.15 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 18.16 | 18.24 | 18.21 | 19.50 | 19.09 | 19.28 | 19.38 | 20.50 | 21.24 | 21.27 | 21.13 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 18.65 | 18.74 | 18.77 | 20.00 | 19.63 | 19.81 | 19.94 | 21.00 | 21.72 | 21.76 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 16.71 | 16.74 | 16.81 | 18.00 | 17.70 | 17.84 | 17.83 | 19.00 | 19.69 | 19.73 | 19.66 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 17.67 | 17.66 | 17.88 | 19.00 | 18.63 | 18.94 | 18.88 | 20.00 | 20.75 | 20.71 | 20.67 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 16.64 | 16.64 | 16.72 | 18.00 | 17.73 | 17.88 | 17.84 | 19.00 | 19.72 | 19.74 | 19.71 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 18.68 | 18.70 | 18.81 | 20.00 | 19.65 | 19.96 | 19.89 | 21.00 | 21.70 | 21.80 | 21.70 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 17.21 | 17.31 | 17.32 | 17.50 | 18.10 | 18.31 | 18.21 | 18.50 | 19.77 | 19.80 | 19.69 | 20.50 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 20.14 | 20.23 | 20.17 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.13 | 20.20 | 20.13 | | |
| 20 | QPSK | 1 | 99 | 20.01 | 20.19 | 20.09 | | |
| 20 | QPSK | 50 | 0 | 20.03 | 20.22 | 20.13 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.02 | 20.05 | 20.10 | | |
| 20 | QPSK | 50 | 50 | 20.00 | 20.10 | 20.05 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.14 | 20.12 | | |
| 20 | 16QAM | 1 | 0 | 20.17 | 20.12 | 20.18 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.00 | 20.08 | 20.08 | | |
| 20 | 16QAM | 1 | 99 | 19.94 | 20.19 | 20.18 | | |
| 20 | 16QAM | 50 | 0 | 20.09 | 20.18 | 20.20 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.12 | 20.02 | 20.08 | | |
| 20 | 16QAM | 50 | 50 | 19.90 | 20.08 | 20.14 | | |
| 20 | 16QAM | 100 | 0 | 20.07 | 20.14 | 20.10 | | |
| 20 | 64QAM | 1 | 0 | 20.05 | 20.03 | 20.11 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.07 | 20.01 | 20.10 | | |
| 20 | 64QAM | 1 | 99 | 20.04 | 20.20 | 20.16 | | |
| 20 | 64QAM | 50 | 0 | 19.71 | 19.63 | 19.65 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.54 | 19.65 | 19.69 | | |
| 20 | 64QAM | 50 | 50 | 19.50 | 19.61 | 19.69 | | |
| 20 | 64QAM | 100 | 0 | 19.68 | 19.61 | 19.65 | | |
| 20 | 256QAM | 1 | 0 | 17.69 | 17.71 | 17.84 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.70 | 17.76 | 17.89 | | |
| 20 | 256QAM | 1 | 99 | 17.90 | 17.91 | 17.94 | | |
| 20 | 256QAM | 50 | 0 | 17.79 | 17.77 | 17.53 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.53 | 17.56 | 17.68 | | |
| 20 | 256QAM | 50 | 50 | 17.67 | 17.67 | 17.65 | | |
| 20 | 256QAM | 100 | 0 | 17.85 | 17.59 | 17.45 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.01 | 20.20 | 20.06 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.03 | 20.13 | 20.09 | | |
| 15 | QPSK | 1 | 74 | 19.88 | 20.14 | 20.07 | | |
| 15 | QPSK | 36 | 0 | 19.89 | 20.09 | 20.11 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.88 | 20.00 | 20.00 | | |
| 15 | QPSK | 36 | 39 | 19.98 | 19.99 | 20.02 | | |
| 15 | QPSK | 75 | 0 | 19.98 | 20.02 | 20.10 | | |
| 15 | 16QAM | 1 | 0 | 20.11 | 20.11 | 20.15 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.96 | 19.97 | 20.06 | | |
| 15 | 16QAM | 1 | 74 | 19.83 | 20.19 | 20.15 | | |
| 15 | 16QAM | 36 | 0 | 19.96 | 20.06 | 20.14 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.11 | 19.92 | 19.98 | | |
| 15 | 16QAM | 36 | 39 | 19.83 | 19.97 | 20.06 | | |
| 15 | 16QAM | 75 | 0 | 19.84 | 20.13 | 20.02 | | |
| 15 | 64QAM | 1 | 0 | 19.98 | 19.96 | 19.97 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.92 | 19.98 | 19.97 | | |
| 15 | 64QAM | 1 | 74 | 19.95 | 20.19 | 20.12 | | |
| 15 | 64QAM | 36 | 0 | 19.56 | 19.57 | 19.53 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.53 | 19.57 | 19.58 | | |
| 15 | 64QAM | 36 | 39 | 19.38 | 19.56 | 19.55 | | |
| 15 | 64QAM | 75 | 0 | 19.64 | 19.52 | 19.55 | | |
| 15 | 256QAM | 1 | 0 | 17.63 | 17.61 | 17.62 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.63 | 17.74 | 17.76 | | |
| 15 | 256QAM | 1 | 74 | 17.87 | 17.92 | 17.49 | | |
| 15 | 256QAM | 36 | 0 | 17.77 | 17.63 | 17.43 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.49 | 17.47 | 17.59 | | |
| 15 | 256QAM | 36 | 39 | 17.53 | 17.64 | 17.57 | | |
| 15 | 256QAM | 75 | 0 | 17.83 | 17.53 | 17.42 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.05 | 20.21 | 20.10 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.98 | 20.17 | 20.04 | | |
| 10 | QPSK | 1 | 49 | 19.86 | 20.08 | 20.07 | | |
| 10 | QPSK | 25 | 0 | 19.97 | 20.11 | 20.10 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.00 | 19.98 | 20.08 | | |
| 10 | QPSK | 25 | 25 | 19.93 | 20.00 | 20.03 | | |
| 10 | QPSK | 50 | 0 | 20.01 | 20.04 | 20.10 | | |
| 10 | 16QAM | 1 | 0 | 20.04 | 20.02 | 20.10 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.92 | 19.94 | 20.07 | | |
| 10 | 16QAM | 1 | 49 | 19.93 | 20.17 | 20.16 | | |
| 10 | 16QAM | 25 | 0 | 19.94 | 20.12 | 20.14 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.00 | 19.96 | 19.96 | | |
| 10 | 16QAM | 25 | 25 | 19.88 | 20.00 | 20.08 | | |
| 10 | 16QAM | 50 | 0 | 19.95 | 20.13 | 20.05 | | |
| 10 | 64QAM | 1 | 0 | 20.03 | 19.89 | 20.07 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.96 | 19.92 | 19.98 | | |
| 10 | 64QAM | 1 | 49 | 20.03 | 20.09 | 20.05 | | |
| 10 | 64QAM | 25 | 0 | 19.65 | 19.61 | 19.54 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.52 | 19.60 | 19.61 | | |
| 10 | 64QAM | 25 | 25 | 19.35 | 19.48 | 19.67 | | |
| 10 | 64QAM | 50 | 0 | 19.55 | 19.55 | 19.58 | | |
| 10 | 256QAM | 1 | 0 | 17.66 | 17.68 | 17.63 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.59 | 17.63 | 17.74 | | |
| 10 | 256QAM | 1 | 49 | 17.85 | 17.80 | 17.51 | | |
| 10 | 256QAM | 25 | 0 | 17.68 | 17.73 | 17.47 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.48 | 17.48 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.56 | 17.63 | 17.64 | | |
| 10 | 256QAM | 50 | 0 | 17.71 | 17.49 | 17.39 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.07 | 20.21 | 20.11 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.12 | 20.05 | 20.01 | | |
| 5 | QPSK | 1 | 24 | 19.99 | 20.11 | 19.96 | | |
| 5 | QPSK | 12 | 0 | 19.94 | 20.13 | 19.99 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.90 | 19.99 | 20.03 | | |
| 5 | QPSK | 12 | 13 | 19.89 | 20.07 | 19.91 | | |
| 5 | QPSK | 25 | 0 | 19.92 | 20.09 | 19.99 | | |
| 5 | 16QAM | 1 | 0 | 20.06 | 20.03 | 20.16 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.96 | 19.94 | 20.05 | | |
| 5 | 16QAM | 1 | 24 | 19.79 | 20.16 | 20.12 | | |
| 5 | 16QAM | 12 | 0 | 19.97 | 20.08 | 20.19 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.08 | 19.96 | 19.97 | | |
| 5 | 16QAM | 12 | 13 | 19.80 | 20.00 | 20.09 | | |
| 5 | 16QAM | 25 | 0 | 19.96 | 20.13 | 19.97 | | |
| 5 | 64QAM | 1 | 0 | 20.03 | 20.02 | 20.07 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.92 | 19.98 | 20.01 | | |
| 5 | 64QAM | 1 | 24 | 19.92 | 20.10 | 20.01 | | |
| 5 | 64QAM | 12 | 0 | 19.66 | 19.60 | 19.56 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.46 | 19.52 | 19.61 | | |
| 5 | 64QAM | 12 | 13 | 19.36 | 19.52 | 19.57 | | |
| 5 | 64QAM | 25 | 0 | 19.65 | 19.58 | 19.51 | | |
| 5 | 256QAM | 1 | 0 | 17.57 | 17.59 | 17.60 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.67 | 17.67 | 17.75 | | |
| 5 | 256QAM | 1 | 24 | 17.85 | 17.89 | 17.53 | | |
| 5 | 256QAM | 12 | 0 | 17.69 | 17.63 | 17.50 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.48 | 17.61 | | |
| 5 | 256QAM | 12 | 13 | 17.55 | 17.62 | 17.64 | | |
| 5 | 256QAM | 25 | 0 | 17.72 | 17.45 | 17.30 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.01 | 20.19 | 20.07 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 20.02 | 20.12 | 20.07 | | |
| 3 | QPSK | 1 | 14 | 19.99 | 20.18 | 20.00 | | |
| 3 | QPSK | 8 | 0 | 19.91 | 20.16 | 20.12 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 19.89 | 19.92 | 20.08 | | |
| 3 | QPSK | 8 | 7 | 19.96 | 20.06 | 20.01 | | |
| 3 | QPSK | 15 | 0 | 19.93 | 20.04 | 20.11 | | |
| 3 | 16QAM | 1 | 0 | 20.16 | 20.06 | 20.10 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 19.97 | 19.90 | 19.96 | | |
| 3 | 16QAM | 1 | 14 | 19.84 | 20.15 | 20.16 | | |
| 3 | 16QAM | 8 | 0 | 20.06 | 20.10 | 20.12 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.09 | 19.89 | 20.06 | | |
| 3 | 16QAM | 8 | 7 | 19.78 | 19.99 | 20.10 | | |
| 3 | 16QAM | 15 | 0 | 20.02 | 20.12 | 20.00 | | |
| 3 | 64QAM | 1 | 0 | 20.00 | 19.90 | 20.03 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.05 | 19.94 | 19.99 | | |
| 3 | 64QAM | 1 | 14 | 19.90 | 20.15 | 20.03 | | |
| 3 | 64QAM | 8 | 0 | 19.56 | 19.49 | 19.55 | 21 | 0.5 |
| 3 | 64QAM | 8 | 4 | 19.41 | 19.59 | 19.62 | | |
| 3 | 64QAM | 8 | 7 | 19.49 | 19.54 | 19.56 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.53 | 19.50 | | |
| 3 | 256QAM | 1 | 0 | 17.62 | 17.58 | 17.77 | 19 | 2.5 |
| 3 | 256QAM | 1 | 8 | 17.63 | 17.63 | 17.66 | | |
| 3 | 256QAM | 1 | 14 | 17.87 | 17.89 | 17.58 | | |
| 3 | 256QAM | 8 | 0 | 17.68 | 17.71 | 17.40 | 19 | 2.5 |
| 3 | 256QAM | 8 | 4 | 17.38 | 17.52 | 17.55 | | |
| 3 | 256QAM | 8 | 7 | 17.62 | 17.55 | 17.62 | | |
| 3 | 256QAM | 15 | 0 | 17.76 | 17.52 | 17.35 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.00 | 20.17 | 20.07 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.11 | 20.09 | 20.07 | | |
| 1.4 | QPSK | 1 | 5 | 19.98 | 20.16 | 20.08 | | |
| 1.4 | QPSK | 3 | 0 | 19.99 | 20.15 | 20.05 | | |
| 1.4 | QPSK | 3 | 1 | 19.87 | 20.01 | 20.07 | | |
| 1.4 | QPSK | 3 | 3 | 19.99 | 20.09 | 19.99 | | |
| 1.4 | QPSK | 6 | 0 | 20.01 | 20.13 | 20.03 | 21.5 | 0 |
| 1.4 | QPSK | 6 | 3 | 20.07 | 20.05 | 20.13 | | |
| 1.4 | 16QAM | 1 | 0 | 19.97 | 20.01 | 20.00 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.81 | 20.17 | 20.14 | | |
| 1.4 | 16QAM | 1 | 5 | 20.05 | 20.12 | 20.17 | | |
| 1.4 | 16QAM | 3 | 0 | 19.97 | 19.97 | 19.96 | | |
| 1.4 | 16QAM | 3 | 1 | 19.89 | 19.96 | 20.04 | | |
| 1.4 | 16QAM | 3 | 3 | 19.89 | 19.96 | 20.04 | | |
| 1.4 | 16QAM | 6 | 0 | 19.94 | 20.09 | 20.08 | 21.5 | 0 |
| 1.4 | 16QAM | 6 | 3 | 19.99 | 19.89 | 19.99 | | |
| 1.4 | 64QAM | 1 | 0 | 20.03 | 19.89 | 20.02 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.93 | 20.19 | 20.08 | | |
| 1.4 | 64QAM | 1 | 5 | 19.50 | 19.57 | 19.54 | | |
| 1.4 | 64QAM | 3 | 0 | 19.54 | 19.50 | 19.58 | | |
| 1.4 | 64QAM | 3 | 1 | 19.59 | 19.55 | 19.52 | | |
| 1.4 | 64QAM | 6 | 0 | 19.56 | 19.60 | 19.64 | 21 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 17.66 | 17.61 | 17.70 | 19 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 17.60 | 17.64 | 17.74 | | |
| 1.4 | 256QAM | 1 | 5 | 17.86 | 17.83 | 17.54 | | |
| 1.4 | 256QAM | 3 | 0 | 17.64 | 17.76 | 17.38 | | |
| 1.4 | 256QAM | 3 | 1 | 17.45 | 17.49 | 17.53 | | |
| 1.4 | 256QAM | 3 | 3 | 17.54 | 17.63 | 17.64 | | |
| 1.4 | 256QAM | 6 | 0 | 17.84 | 17.54 | 17.32 | 19 | 2.5 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 20.13 | 20.23 | 20.14 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.03 | 20.21 | 20.13 | | |
| 20 | QPSK | 1 | 99 | 20.12 | 20.18 | 20.02 | | |
| 20 | QPSK | 50 | 0 | 20.00 | 20.11 | 20.08 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.92 | 20.07 | 20.16 | | |
| 20 | QPSK | 50 | 50 | 20.08 | 20.05 | 19.96 | | |
| 20 | QPSK | 100 | 0 | 20.07 | 20.14 | 20.12 | | |
| 20 | 16QAM | 1 | 0 | 19.94 | 20.09 | 20.12 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.98 | 20.14 | 20.08 | | |
| 20 | 16QAM | 1 | 99 | 20.07 | 20.21 | 20.11 | | |
| 20 | 16QAM | 50 | 0 | 20.11 | 20.15 | 20.12 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.01 | 20.12 | 19.98 | | |
| 20 | 16QAM | 50 | 50 | 20.06 | 20.14 | 19.88 | | |
| 20 | 16QAM | 100 | 0 | 20.02 | 20.12 | 20.08 | | |
| 20 | 64QAM | 1 | 0 | 20.04 | 20.18 | 20.05 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.02 | 20.20 | 19.95 | | |
| 20 | 64QAM | 1 | 99 | 20.02 | 20.14 | 19.97 | | |
| 20 | 64QAM | 50 | 0 | 19.75 | 19.68 | 19.64 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.68 | 19.72 | 19.62 | | |
| 20 | 64QAM | 50 | 50 | 19.67 | 19.54 | 19.60 | | |
| 20 | 64QAM | 100 | 0 | 19.68 | 19.68 | 19.51 | | |
| 20 | 256QAM | 1 | 0 | 17.60 | 17.64 | 17.78 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.73 | 17.66 | 17.77 | | |
| 20 | 256QAM | 1 | 99 | 17.91 | 17.64 | 17.80 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.59 | 17.53 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.67 | 17.64 | 17.55 | | |
| 20 | 256QAM | 50 | 50 | 17.56 | 17.64 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.58 | 17.62 | 17.68 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.12 | 20.13 | 20.06 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.98 | 20.09 | 20.07 | | |
| 15 | QPSK | 1 | 74 | 19.98 | 20.08 | 19.89 | | |
| 15 | QPSK | 36 | 0 | 20.02 | 20.08 | 20.00 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.85 | 20.02 | 19.94 | | |
| 15 | QPSK | 36 | 39 | 19.94 | 20.00 | 19.83 | | |
| 15 | QPSK | 75 | 0 | 19.92 | 20.01 | 20.02 | | |
| 15 | 16QAM | 1 | 0 | 19.88 | 20.05 | 19.98 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.91 | 20.06 | 19.83 | | |
| 15 | 16QAM | 1 | 74 | 19.77 | 20.18 | 19.99 | | |
| 15 | 16QAM | 36 | 0 | 20.07 | 20.06 | 20.03 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.88 | 20.06 | 19.90 | | |
| 15 | 16QAM | 36 | 39 | 20.05 | 20.10 | 19.86 | | |
| 15 | 16QAM | 75 | 0 | 19.87 | 20.06 | 20.02 | | |
| 15 | 64QAM | 1 | 0 | 19.96 | 20.11 | 19.99 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.87 | 20.12 | 19.93 | | |
| 15 | 64QAM | 1 | 74 | 20.01 | 19.99 | 19.80 | | |
| 15 | 64QAM | 36 | 0 | 19.65 | 19.64 | 19.61 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.53 | 19.63 | 19.56 | | |
| 15 | 64QAM | 36 | 39 | 19.54 | 19.40 | 19.54 | | |
| 15 | 64QAM | 75 | 0 | 19.61 | 19.55 | 19.42 | | |
| 15 | 256QAM | 1 | 0 | 17.50 | 17.52 | 17.75 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.64 | 17.63 | 17.71 | | |
| 15 | 256QAM | 1 | 74 | 17.65 | 17.57 | 17.53 | | |
| 15 | 256QAM | 36 | 0 | 17.56 | 17.49 | 17.49 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.58 | 17.49 | 17.56 | | |
| 15 | 256QAM | 36 | 39 | 17.45 | 17.58 | 17.50 | | |
| 15 | 256QAM | 75 | 0 | 17.64 | 17.58 | 17.44 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.05 | 20.19 | 20.10 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.94 | 20.12 | 20.00 | | |
| 10 | QPSK | 1 | 49 | 20.02 | 20.10 | 19.98 | | |
| 10 | QPSK | 25 | 0 | 20.06 | 20.09 | 20.02 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.88 | 20.05 | 19.91 | | |
| 10 | QPSK | 25 | 25 | 19.99 | 19.99 | 19.91 | | |
| 10 | QPSK | 50 | 0 | 19.92 | 20.08 | 20.02 | | |
| 10 | 16QAM | 1 | 0 | 19.91 | 19.99 | 20.07 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.90 | 20.06 | 19.81 | | |
| 10 | 16QAM | 1 | 49 | 20.03 | 20.06 | 19.95 | | |
| 10 | 16QAM | 25 | 0 | 20.00 | 20.00 | 20.03 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.91 | 20.01 | 19.97 | | |
| 10 | 16QAM | 25 | 25 | 19.95 | 20.02 | 19.74 | | |
| 10 | 16QAM | 50 | 0 | 19.97 | 20.12 | 20.01 | | |
| 10 | 64QAM | 1 | 0 | 19.88 | 20.03 | 19.92 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.92 | 20.07 | 19.97 | | |
| 10 | 64QAM | 1 | 49 | 19.89 | 20.03 | 19.91 | | |
| 10 | 64QAM | 25 | 0 | 19.71 | 19.59 | 19.63 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.62 | 19.69 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.54 | 19.51 | 19.55 | | |
| 10 | 64QAM | 50 | 0 | 19.63 | 19.60 | 19.50 | | |
| 10 | 256QAM | 1 | 0 | 17.47 | 17.59 | 17.69 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.65 | 17.52 | 17.71 | | |
| 10 | 256QAM | 1 | 49 | 17.66 | 17.63 | 17.57 | | |
| 10 | 256QAM | 25 | 0 | 17.68 | 17.50 | 17.41 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.58 | 17.50 | 17.47 | | |
| 10 | 256QAM | 25 | 25 | 17.53 | 17.57 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.49 | 17.49 | 17.51 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.06 | 20.13 | 19.99 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.98 | 20.16 | 20.00 | | |
| 5 | QPSK | 1 | 24 | 20.04 | 20.03 | 19.99 | | |
| 5 | QPSK | 12 | 0 | 20.04 | 20.00 | 19.94 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.78 | 19.98 | 19.96 | | |
| 5 | QPSK | 12 | 13 | 20.04 | 19.91 | 19.85 | | |
| 5 | QPSK | 25 | 0 | 19.97 | 20.06 | 20.11 | | |
| 5 | 16QAM | 1 | 0 | 19.80 | 20.04 | 19.99 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.95 | 20.04 | 19.88 | | |
| 5 | 16QAM | 1 | 24 | 19.95 | 20.20 | 19.88 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.13 | 20.03 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.90 | 20.00 | 19.97 | | |
| 5 | 16QAM | 12 | 13 | 20.01 | 19.97 | 19.74 | | |
| 5 | 16QAM | 25 | 0 | 19.88 | 20.01 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 20.00 | 20.04 | 19.94 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.88 | 20.08 | 19.95 | | |
| 5 | 64QAM | 1 | 24 | 19.92 | 20.09 | 19.89 | | |
| 5 | 64QAM | 12 | 0 | 19.66 | 19.60 | 19.58 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.55 | 19.67 | 19.57 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.41 | 19.50 | | |
| 5 | 64QAM | 25 | 0 | 19.57 | 19.64 | 19.48 | | |
| 5 | 256QAM | 1 | 0 | 17.62 | 17.57 | 17.63 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.58 | 17.55 | 17.62 | | |
| 5 | 256QAM | 1 | 24 | 17.58 | 17.62 | 17.49 | | |
| 5 | 256QAM | 12 | 0 | 17.62 | 17.60 | 17.40 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.50 | 17.57 | | |
| 5 | 256QAM | 12 | 13 | 17.54 | 17.60 | 17.55 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.56 | 17.65 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.00 | 20.08 | 20.00 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 19.97 | 20.07 | 20.07 | | |
| 3 | QPSK | 1 | 14 | 20.08 | 20.14 | 19.99 | | |
| 3 | QPSK | 8 | 0 | 20.02 | 20.05 | 20.03 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 19.79 | 20.02 | 19.88 | | |
| 3 | QPSK | 8 | 7 | 20.03 | 19.98 | 19.83 | | |
| 3 | QPSK | 15 | 0 | 20.06 | 20.06 | 20.06 | | |
| 3 | 16QAM | 1 | 0 | 19.88 | 19.98 | 20.10 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 19.84 | 20.12 | 19.77 | | |
| 3 | 16QAM | 1 | 14 | 20.06 | 20.18 | 20.07 | | |
| 3 | 16QAM | 8 | 0 | 19.97 | 20.12 | 19.94 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 19.97 | 20.08 | 19.90 | | |
| 3 | 16QAM | 8 | 7 | 19.98 | 20.00 | 19.78 | | |
| 3 | 16QAM | 15 | 0 | 19.96 | 19.97 | 20.01 | | |
| 3 | 64QAM | 1 | 0 | 19.98 | 20.11 | 20.01 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 19.90 | 20.16 | 19.85 | | |
| 3 | 64QAM | 1 | 14 | 19.90 | 20.07 | 19.95 | | |
| 3 | 64QAM | 8 | 0 | 19.61 | 19.61 | 19.57 | 21 | 0.5 |
| 3 | 64QAM | 8 | 4 | 19.56 | 19.67 | 19.47 | | |
| 3 | 64QAM | 8 | 7 | 19.64 | 19.42 | 19.56 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.61 | 19.43 | | |
| 3 | 256QAM | 1 | 0 | 17.52 | 17.57 | 17.64 | 19 | 2.5 |
| 3 | 256QAM | 1 | 8 | 17.63 | 17.61 | 17.75 | | |
| 3 | 256QAM | 1 | 14 | 17.62 | 17.57 | 17.47 | | |
| 3 | 256QAM | 8 | 0 | 17.65 | 17.58 | 17.49 | 19 | 2.5 |
| 3 | 256QAM | 8 | 4 | 17.38 | 17.61 | 17.55 | | |
| 3 | 256QAM | 8 | 7 | 17.55 | 17.62 | 17.46 | | |
| 3 | 256QAM | 15 | 0 | 17.43 | 17.61 | 17.52 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.08 | 20.15 | 20.11 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.95 | 20.15 | 20.07 | | |
| 1.4 | QPSK | 1 | 5 | 20.03 | 20.09 | 19.93 | | |
| 1.4 | QPSK | 3 | 0 | 19.98 | 19.97 | 19.99 | | |
| 1.4 | QPSK | 3 | 1 | 19.78 | 20.02 | 19.91 | | |
| 1.4 | QPSK | 3 | 3 | 19.98 | 19.91 | 19.95 | | |
| 1.4 | QPSK | 6 | 0 | 20.04 | 20.03 | 20.02 | 21.5 | 0 |
| 1.4 | QPSK | 6 | 3 | 19.92 | 20.16 | 20.11 | | |
| 1.4 | 16QAM | 1 | 0 | 19.96 | 20.01 | 19.82 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.03 | 20.16 | 20.02 | | |
| 1.4 | 16QAM | 1 | 5 | 20.04 | 20.13 | 20.01 | | |
| 1.4 | 16QAM | 3 | 0 | 20.00 | 20.00 | 19.95 | | |
| 1.4 | 16QAM | 3 | 1 | 20.00 | 20.10 | 19.87 | | |
| 1.4 | 16QAM | 3 | 3 | 20.00 | 20.11 | 20.00 | | |
| 1.4 | 16QAM | 6 | 0 | 19.87 | 20.11 | 20.00 | 21.5 | 0 |
| 1.4 | 16QAM | 6 | 3 | 19.98 | 20.15 | 19.99 | | |
| 1.4 | 64QAM | 1 | 0 | 19.90 | 20.13 | 19.98 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.90 | 20.12 | 19.88 | | |
| 1.4 | 64QAM | 1 | 5 | 20.02 | 20.17 | 20.09 | | |
| 1.4 | 64QAM | 3 | 0 | 19.95 | 20.16 | 19.99 | | |
| 1.4 | 64QAM | 3 | 1 | 20.08 | 20.17 | 19.97 | | |
| 1.4 | 64QAM | 6 | 0 | 19.66 | 19.65 | 19.36 | 21 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 17.55 | 17.53 | 17.76 | 19 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 17.60 | 17.64 | 17.74 | | |
| 1.4 | 256QAM | 1 | 5 | 17.59 | 17.53 | 17.59 | | |
| 1.4 | 256QAM | 3 | 0 | 17.59 | 17.54 | 17.49 | | |
| 1.4 | 256QAM | 3 | 1 | 17.54 | 17.53 | 17.44 | | |
| 1.4 | 256QAM | 3 | 3 | 17.55 | 17.60 | 17.59 | | |
| 1.4 | 256QAM | 6 | 0 | 17.55 | 17.57 | 17.63 | 19 | 2.5 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 20.21 | 20.28 | 20.25 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.09 | 20.20 | 20.21 | | |
| 20 | QPSK | 1 | 99 | 20.20 | 20.27 | 20.20 | | |
| 20 | QPSK | 50 | 0 | 20.18 | 20.24 | 20.23 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.23 | 20.17 | 20.16 | | |
| 20 | QPSK | 50 | 50 | 20.04 | 20.15 | 20.11 | | |
| 20 | QPSK | 100 | 0 | 20.16 | 20.20 | 20.09 | | |
| 20 | 16QAM | 1 | 0 | 20.13 | 20.27 | 20.21 | 22 | 0 

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.44 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.38 | 22.30 | 22.26 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.19 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.61 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.50 | 21.49 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.54 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.56 | 21.55 | | |
| 10 | 16QAM | 1 | 0 | 21.95 | 21.91 | 21.90 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.78 | 21.84 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 22.05 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.70 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.58 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.61 | 19.47 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.53 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.49 | 19.40 | | |
| 10 | 256QAM | 1 | 0 | 17.66 | 17.71 | 17.63 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.79 | 17.68 | | |
| 10 | 256QAM | 1 | 49 | 17.83 | 17.91 | 17.82 | | |
| 10 | 256QAM | 25 | 0 | 17.61 | 17.66 | 17.55 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.65 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.61 | 17.71 | 17.67 | | |
| 10 | 256QAM | 50 | 0 | 17.56 | 17.61 | 17.55 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.34 | 22.38 | 22.23 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.20 | 22.17 | | |
| 5 | QPSK | 1 | 24 | 22.20 | 22.17 | 22.20 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.62 | 21.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.50 | 21.51 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.54 | 21.29 | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.56 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 22.00 | 21.93 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.82 | 21.86 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.70 | 22.06 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 20.54 | 20.49 | 20.57 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.50 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.43 | 20.47 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.61 | 20.50 | 20.48 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.59 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.41 | 20.52 | 20.58 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.79 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 19.57 | 19.52 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.56 | 19.46 | 19.46 | | |
| 5 | 64QAM | 12 | 13 | 19.46 | 19.37 | 19.49 | | |
| 5 | 64QAM | 25 | 0 | 19.58 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.61 | 17.55 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.61 | 17.75 | 17.65 | | |
| 5 | 256QAM | 1 | 24 | 17.78 | 17.86 | 17.74 | | |
| 5 | 256QAM | 12 | 0 | 17.56 | 17.56 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.41 | 17.53 | 17.52 | | |
| 5 | 256QAM | 12 | 13 | 17.49 | 17.66 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.58 | 17.45 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.38 | 22.36 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.40 | 22.31 | 22.17 | | |
| 3 | QPSK | 1 | 14 | 22.17 | 22.12 | 22.10 | | |
| 3 | QPSK | 8 | 0 | 21.55 | 21.62 | 21.49 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.52 | 21.47 | 21.48 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.58 | 21.30 | | |
| 3 | QPSK | 15 | 0 | 21.54 | 21.57 | 21.58 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 21.83 | 21.83 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.81 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.70 | 22.04 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.65 | 20.48 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.61 | 20.49 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.47 | 20.32 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.45 | 20.41 | | |
| 3 | 64QAM | 1 | 0 | 20.55 | 20.56 | 20.60 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.43 | 20.62 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.52 | 20.77 | 20.61 | | |
| 3 | 64QAM | 8 | 0 | 19.57 | 19.44 | 19.54 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.58 | 19.54 | | |
| 3 | 64QAM | 8 | 7 | 19.52 | 19.57 | 19.45 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.46 | 19.31 | | |
| 3 | 256QAM | 1 | 0 | 17.66 | 17.65 | 17.52 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.70 | 17.77 | 17.56 | | |
| 3 | 256QAM | 1 | 14 | 17.82 | 17.85 | 17.74 | | |
| 3 | 256QAM | 8 | 0 | 17.55 | 17.58 | 17.44 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.48 | 17.63 | 17.44 | | |
| 3 | 256QAM | 8 | 7 | 17.54 | 17.64 | 17.61 | | |
| 3 | 256QAM | 15 | 0 | 17.50 | 17.55 | 17.51 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.42 | 22.44 | 22.35 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.41 | 22.33 | 22.22 | | |
| 1.4 | QPSK | 1 | 5 | 22.23 | 22.15 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.41 | 22.21 | | |
| 1.4 | QPSK | 3 | 1 | 22.35 | 22.34 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.23 | 22.30 | 22.14 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.60 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.01 | 21.82 | 21.95 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.73 | 21.80 | 21.84 | | |
| 1.4 | 16QAM | 1 | 5 | 21.67 | 21.98 | 21.77 | | |
| 1.4 | 16QAM | 3 | 0 | 21.59 | 21.43 | 21.56 | | |
| 1.4 | 16QAM | 3 | 1 | 21.51 | 21.42 | 21.51 | | |
| 1.4 | 16QAM | 3 | 3 | 21.45 | 21.44 | 21.38 | | |
| 1.4 | 16QAM | 6 | 0 | 20.49 | 20.53 | 20.40 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.56 | 20.62 | 20.65 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.41 | 20.53 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.64 | 20.64 | 20.54 | | |
| 1.4 | 64QAM | 3 | 0 | 20.58 | 20.41 | 20.50 | | |
| 1.4 | 64QAM | 3 | 1 | 20.66 | 20.48 | 20.60 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.59 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.53 | 19.43 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.63 | 17.68 | 17.53 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.68 | 17.64 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.81 | 17.80 | | |
| 1.4 | 256QAM | 3 | 0 | 17.56 | 17.55 | 17.50 | | |
| 1.4 | 256QAM | 3 | 1 | 17.50 | 17.54 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.54 | 17.64 | 17.59 | | |
| 1.4 | 256QAM | 6 | 0 | 17.53 | 17.53 | 17.45 | 19 | 5 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.35 | 22.42 | 22.35 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.25 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.14 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.20 | 21.37 | 21.22 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.27 | 21.24 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.19 | 21.26 | | |
| 10 | QPSK | 50 | 0 | 21.26 | 21.30 | 21.21 | | |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.24 | 21.44 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.35 | 21.46 | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.25 | 21.44 | | |
| 10 | 16QAM | 25 | 0 | 20.25 | 20.30 | 20.27 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.30 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.25 | 20.32 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.27 | 20.20 | | |
| 10 | 64QAM | 1 | 0 | 20.24 | 20.54 | 20.61 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.60 | 20.31 | 20.46 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.23 | 20.55 | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.38 | 19.17 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.27 | 19.27 | 19.28 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.39 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.30 | 19.27 | 19.22 | | |
| 10 | 256QAM | 1 | 0 | 17.32 | 17.40 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.31 | 17.38 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.18 | 17.30 | 17.23 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.33 | 17.26 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.27 | 17.36 | 17.26 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.33 | 17.24 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.72 | 17.62 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.27 | 22.30 | 22.22 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.13 | 22.15 | 22.22 | | |
| 5 | QPSK | 1 | 24 | 22.09 | 22.08 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.33 | 21.13 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.20 | 21.15 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.16 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.13 | | |
| 5 | 16QAM | 1 | 0 | 21.45 | 21.12 | 21.38 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.41 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 24 | 21.43 | 21.13 | 21.41 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.26 | 20.18 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.19 | 20.26 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.17 | 20.22 | 20.18 | | |
| 5 | 16QAM | 25 | 0 | 20.21 | 20.24 | 20.11 | | |
| 5 | 64QAM | 1 | 0 | 20.16 | 20.47 | 20.53 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.23 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.21 | 20.18 | 20.45 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.33 | 19.11 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.19 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.21 | 19.18 | 19.21 | | |
| 5 | 64QAM | 25 | 0 | 19.21 | 19.18 | 19.11 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.23 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.27 | 17.26 | 17.19 | | |
| 5 | 256QAM | 1 | 24 | 17.09 | 17.27 | 17.21 | | |
| 5 | 256QAM | 12 | 0 | 17.19 | 17.29 | 17.16 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.33 | 17.26 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.25 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.56 | 17.52 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.30 | 22.37 | 22.18 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.20 | 22.18 | | |
| 3 | QPSK | 1 | 14 | 22.07 | 22.03 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.25 | 21.18 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.18 | 21.14 | 21.14 | | |
| 3 | QPSK | 8 | 7 | 21.11 | 21.15 | 21.13 | | |
| 3 | QPSK | 15 | 0 | 21.19 | 21.24 | 21.11 | | |
| 3 | 16QAM | 1 | 0 | 21.51 | 21.17 | 21.42 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.39 | 21.43 | 21.39 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.22 | 21.34 | | |
| 3 | 16QAM | 8 | 0 | 20.17 | 20.24 | 20.18 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.13 | 20.22 | 20.13 | | |
| 3 | 16QAM | 8 | 7 | 20.16 | 20.23 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.23 | 20.18 | 20.09 | | |
| 3 | 64QAM | 1 | 0 | 20.17 | 20.47 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.50 | 20.24 | 20.39 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.11 | 20.41 | | |
| 3 | 64QAM | 8 | 0 | 19.23 | 19.35 | 19.13 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.21 | 19.20 | 19.26 | | |
| 3 | 64QAM | 8 | 7 | 19.22 | 19.26 | 19.18 | | |
| 3 | 64QAM | 15 | 0 | 19.27 | 19.20 | 19.19 | | |
| 3 | 256QAM | 1 | 0 | 17.22 | 17.35 | 17.21 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.23 | 17.35 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.09 | 17.26 | 17.18 | | |
| 3 | 256QAM | 8 | 0 | 17.10 | 17.21 | 17.08 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.21 | 17.28 | 17.21 | | |
| 3 | 256QAM | 8 | 7 | 17.14 | 17.24 | 17.17 | | |
| 3 | 256QAM | 15 | 0 | 17.49 | 17.65 | 17.52 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.24 | 22.35 | 22.22 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.17 | 22.20 | 22.19 | | |
| 1.4 | QPSK | 1 | 5 | 22.04 | 22.08 | 22.08 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.29 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.13 | 22.15 | 22.08 | | |
| 1.4 | QPSK | 3 | 3 | 22.00 | 22.00 | 22.04 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.27 | 21.19 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.13 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.47 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.27 | 21.17 | 21.19 | | |
| 1.4 | 16QAM | 3 | 0 | 21.37 | 21.01 | 21.29 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.38 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 21.32 | 21.06 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.18 | 20.16 | 20.10 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.43 | 20.52 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.23 | 20.42 | | |
| 1.4 | 64QAM | 1 | 5 | 20.25 | 20.21 | 20.41 | | |
| 1.4 | 64QAM | 3 | 0 | 20.59 | 20.37 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.51 | 20.19 | 20.37 | | |
| 1.4 | 64QAM | 3 | 3 | 20.20 | 20.09 | 20.31 | | |
| 1.4 | 64QAM | 6 | 0 | 19.24 | 19.23 | 19.10 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.24 | 17.36 | 17.22 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.23 | 17.34 | 17.28 | | |
| 1.4 | 256QAM | 1 | 5 | 17.07 | 17.20 | 17.16 | | |
| 1.4 | 256QAM | 3 | 0 | 17.16 | 17.27 | 17.12 | | |
| 1.4 | 256QAM | 3 | 1 | 17.24 | 17.27 | 17.22 | | |
| 1.4 | 256QAM | 3 | 3 | 17.20 | 17.25 | 17.18 | | |
| 1.4 | 256QAM | 6 | 0 | 17.56 | 17.70 | 17.58 | 19 | 5 |

## Band 7_Ant 1

| 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 | 19.77 | 19.76 | 19.75 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.74 | 19.75 | 19.74 | | |
| 20 | QPSK | 1 | 99 | 19.72 | 19.76 | 19.67 | | |
| 20 | QPSK | 50 | 0 | 19.74 | 19.78 | 19.74 | | |
| 20 | QPSK | 50 | 24 | 19.72 | 19.64 | 19.71 | | |
| 20 | QPSK | 50 | 50 | 19.60 | 19.70 | 19.58 | | |
| 20 | QPSK | 100 | 0 | 19.57 | 19.65 | 19.61 | | |
| 20 | 16QAM | 1 | 0 | 19.64 | 19.69 | 19.64 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.68 | 19.74 | 19.70 | | |
| 20 | 16QAM | 1 | 99 | 19.68 | 19.68 | 19.56 | | |
| 20 | 16QAM | 50 | 0 | 19.70 | 19.75 | 19.62 | | |
| 20 | 16QAM | 50 | 24 | 19.70 | 19.70 | 19.70 | | |
| 20 | 16QAM | 50 | 50 | 19.68 | 19.62 | 19.58 | | |
| 20 | 16QAM | 100 | 0 | 19.71 | 19.64 | 19.71 | | |
| 20 | 64QAM | 1 | 0 | 19.77 | 19.62 | 19.65 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.64 | 19.72 | 19.64 | | |
| 20 | 64QAM | 1 | 99 | 19.69 | 19.69 | 19.60 | | |
| 20 | 64QAM | 50 | 0 | 19.54 | 19.47 | 19.26 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.53 | 19.53 | 19.37 | | |
| 20 | 64QAM | 50 | 50 | 19.48 | 19.56 | 19.38 | | |
| 20 | 64QAM | 100 | 0 | 19.53 | 19.57 | 19.31 | | |
| 20 | 256QAM | 1 | 0 | 17.90 | 17.80 | 17.67 | 19 | 2 |
| 20 | 256QAM | 1 | 49 | 17.94 | 17.82 | 17.78 | | |
| 20 | 256QAM | 1 | 99 | 17.75 | 17.80 | 17.94 | | |
| 20 | 256QAM | 50 | 0 | 17.62 | 17.70 | 17.54 | | |
| 20 | 256QAM | 50 | 24 | 17.79 | 17.61 | 17.79 | 19 | 2 |
| 20 | 256QAM | 50 | 50 | 17.62 | 17.67 | 17.76 | | |
| 20 | 256QAM | 100 | 0 | 17.74 | 17.65 | 17.67 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.63 | 19.63 | 19.74 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.66 | 19.66 | 19.66 | | |
| 15 | QPSK | 1 | 74 | 19.65 | 19.64 | 19.52 | | |
| 15 | QPSK | 36 | 0 | 19.70 | 19.74 | 19.73 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.64 | 19.61 | 19.61 | | |
| 15 | QPSK | 36 | 39 | 19.58 | 19.68 | 19.54 | | |
| 15 | QPSK | 75 | 0 | 19.43 | 19.53 | 19.60 | | |
| 15 | 16QAM | 1 | 0 | 19.58 | 19.63 | 19.55 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.58 | 19.71 | 19.66 | | |
| 15 | 16QAM | 1 | 74 | 19.65 | 19.65 | 19.51 | | |
| 15 | 16QAM | 36 | 0 | 19.60 | 19.63 | 19.61 | | |
| 15 | 16QAM | 36 | 20 | 19.60 | 19.65 | 19.63 | 21 | 0 |
| 15 | 16QAM | 36 | 39 | 19.59 | 19.53 | 19.43 | | |
| 15 | 16QAM | 75 | 0 | 19.67 | 19.53 | 19.62 | | |
| 15 | 64QAM | 1 | 0 | 19.64 | 19.52 | 19.57 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.49 | 19.59 | 19.62 | | |
| 15 | 64QAM | 1 | 74 | 19.60 | 19.58 | 19.48 | | |
| 15 | 64QAM | 36 | 0 | 19.52 | 19.45 | 19.24 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.40 | 19.39 | 19.35 | | |
| 15 | 64QAM | 36 | 39 | 19.43 | 19.45 | 19.34 | | |
| 15 | 64QAM | 75 | 0 | 19.48 | 19.45 | 19.22 | | |
| 15 | 256QAM | 1 | 0 | 17.85 | 17.70 | 17.60 | 19 | 2 |
| 15 | 256QAM | 1 | 37 | 17.77 | 17.75 | 17.77 | | |
| 15 | 256QAM | 1 | 74 | 17.72 | 17.78 | 17.86 | | |
| 15 | 256QAM | 36 | 0 | 17.58 | 17.65 | 17.53 | 19 | 2 |
| 15 | 256QAM | 36 | 20 | 17.71 | 17.53 | 17.74 | | |
| 15 | 256QAM | 36 | 39 | 17.67 | 17.53 | 17.66 | | |
| 15 | 256QAM | 75 | 0 | 17.71 | 17.50 | 17.58 | | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.63 | 19.69 | 19.64 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.61 | 19.65 | 19.69 | | |
| 10 | QPSK | 1 | 49 | 19.58 | 19.65 | 19.57 | | |
| 10 | QPSK | 25 | 0 | 19.67 | 19.62 | 19.60 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.60 | 19.57 | 19.61 | | |
| 10 | QPSK | 25 | 25 | 19.49 | 19.62 | 19.49 | | |
| 10 | QPSK | 50 | 0 | 19.53 | 19.63 | 19.51 | | |
| 10 | 16QAM | 1 | 0 | 19.54 | 19.55 | 19.51 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.56 | 19.65 | 19.56 | | |
| 10 | 16QAM | 1 | 49 | 19.64 | 19.64 | 19.43 | | |
| 10 | 16QAM | 25 | 0 | 19.61 | 19.68 | 19.55 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.55 | 19.69 | 19.62 | | |
| 10 | 16QAM | 25 | 25 | 19.63 | 19.52 | 19.51 | | |
| 10 | 16QAM | 50 | 0 | 19.56 | 19.58 | 19.69 | | |
| 10 | 64QAM | 1 | 0 | 19.72 | 19.51 | 19.53 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.63 | 19.69 | 19.52 | | |
| 10 | 64QAM | 1 | 49 | 19.60 | 19.60 | 19.59 | | |
| 10 | 64QAM | 25 | 0 | 19.42 | 19.43 | 19.16 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.40 | 19.49 | 19.29 | | |
| 10 | 64QAM | 25 | 25 | 19.40 | 19.47 | 19.28 | | |
| 10 | 64QAM | 50 | 0 | 19.47 | 19.56 | 19.20 | | |
| 10 | 256QAM | 1 | 0 | 17.84 | 17.77 | 17.58 | 19 | 2 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.79 | 17.69 | | |
| 10 | 256QAM | 1 | 49 | 17.69 | 17.73 | 17.87 | | |
| 10 | 256QAM | 25 | 0 | 17.55 | 17.63 | 17.40 | 19 | 2 |
| 10 | 256QAM | 25 | 12 | 17.75 | 17.61 | 17.65 | | |
| 10 | 256QAM | 25 | 25 | 17.75 | 17.59 | 17.68 | | |
| 10 | 256QAM | 50 | 0 | 17.59 | 17.54 | 17.63 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.67 | 19.72 | 19.70 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.71 | 19.68 | 19.70 | | |
| 5 | QPSK | 1 | 24 | 19.62 | 19.71 | 19.59 | | |
| 5 | QPSK | 12 | 0 | 19.70 | 19.71 | 19.73 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.64 | 19.50 | 19.65 | | |
| 5 | QPSK | 12 | 13 | 19.47 | 19.56 | 19.45 | | |
| 5 | QPSK | 25 | 0 | 19.46 | 19.62 | 19.48 | | |
| 5 | 16QAM | 1 | 0 | 19.54 | 19.68 | 19.55 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.65 | 19.61 | 19.67 | | |
| 5 | 16QAM | 1 | 24 | 19.53 | 19.53 | 19.52 | | |
| 5 | 16QAM | 12 | 0 | 19.65 | 19.71 | 19.55 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.55 | 19.69 | 19.67 | | |
| 5 | 16QAM | 12 | 13 | 19.54 | 19.49 | 19.56 | | |
| 5 | 16QAM | 25 | 0 | 19.52 | 19.62 | 19.62 | | |
| 5 | 64QAM | 1 | 0 | 19.65 | 19.55 | 19.60 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.57 | 19.62 | 19.52 | | |
| 5 | 64QAM | 1 | 24 | 19.62 | 19.64 | 19.55 | | |
| 5 | 64QAM | 12 | 0 | 19.38 | 19.42 | 19.17 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.41 | 19.40 | 19.24 | | |
| 5 | 64QAM | 12 | 13 | 19.40 | 19.41 | 19.33 | | |
| 5 | 64QAM | 25 | 0 | 19.53 | 19.42 | 19.17 | | |
| 5 | 256QAM | 1 | 0 | 17.77 | 17.72 | 17.58 | 19 | 2 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.69 | 17.70 | | |
| 5 | 256QAM | 1 | 24 | 17.71 | 17.78 | 17.89 | | |
| 5 | 256QAM | 12 | 0 | 17.53 | 17.69 | 17.39 | 19 | 2 |
| 5 | 256QAM | 12 | 7 | 17.71 | 17.51 | 17.71 | | |
| 5 | 256QAM | 12 | 13 | 17.77 | 17.63 | 17.74 | | |
| 5 | 256QAM | 25 | 0 | 17.72 | 17.54 | 17.62 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.52 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.54 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.41 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.89 | 21.86 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.62 | 21.69 | 21.80 | | |
| 10 | 16QAM | 1 | 49 | 21.90 | 21.75 | 21.85 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.56 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.55 | 20.53 | | |
| 10 | 16QAM | 25 | 25 | 20.52 | 20

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.46 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.65 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.65 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.26 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.40 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.36 | | |
| 5 | 16QAM | 25 | 0 | 20.40 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.50 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.40 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.45 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.85 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.46 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.48 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.43 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.64 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.60 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 708.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.58 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.19 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.39 | 21.38 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.79 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.56 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.49 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.65 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 708.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.32 | 22.47 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.39 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.68 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.59 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.46 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 20.12 | 20.28 | 20.18 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.01 | 20.21 | 20.18 | | |
| 20 | QPSK | 1 | 99 | 19.94 | 20.00 | 20.08 | | |
| 20 | QPSK | 50 | 0 | 20.10 | 20.13 | 20.04 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.93 | 20.08 | 20.02 | | |
| 20 | QPSK | 50 | 50 | 19.92 | 19.97 | 19.95 | | |
| 20 | QPSK | 100 | 0 | 19.88 | 20.08 | 20.07 | | |
| 20 | 16QAM | 1 | 0 | 20.09 | 20.09 | 20.15 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.00 | 20.10 | 20.05 | | |
| 20 | 16QAM | 1 | 99 | 19.87 | 19.92 | 19.95 | | |
| 20 | 16QAM | 50 | 0 | 20.03 | 20.08 | 20.11 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.04 | 20.08 | 20.06 | | |
| 20 | 16QAM | 50 | 50 | 19.91 | 20.15 | 20.13 | | |
| 20 | 16QAM | 100 | 0 | 19.83 | 19.90 | 20.05 | | |
| 20 | 64QAM | 1 | 0 | 20.20 | 20.27 | 20.18 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.06 | 20.54 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.01 | 20.09 | 20.09 | | |
| 20 | 64QAM | 50 | 0 | 19.54 | 19.47 | 19.58 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.57 | 19.61 | 19.72 | | |
| 20 | 64QAM | 50 | 50 | 19.47 | 19.49 | 19.69 | | |
| 20 | 64QAM | 100 | 0 | 19.58 | 19.58 | 19.69 | | |
| 20 | 256QAM | 1 | 0 | 17.57 | 17.58 | 17.62 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.51 | 17.58 | 17.57 | | |
| 20 | 256QAM | 1 | 99 | 17.50 | 17.54 | 17.57 | | |
| 20 | 256QAM | 50 | 0 | 17.59 | 17.64 | 17.64 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.37 | 17.46 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.68 | 17.57 | 17.37 | | |
| 20 | 256QAM | 100 | 0 | 17.54 | 17.46 | 17.71 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 19.98 | 20.16 | 20.11 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.94 | 20.19 | 20.12 | | |
| 15 | QPSK | 1 | 74 | 19.91 | 19.96 | 20.01 | | |
| 15 | QPSK | 36 | 0 | 20.03 | 20.03 | 19.89 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.92 | 19.99 | 19.88 | | |
| 15 | QPSK | 36 | 39 | 19.86 | 19.96 | 19.88 | | |
| 15 | QPSK | 75 | 0 | 19.83 | 20.05 | 19.96 | | |
| 15 | 16QAM | 1 | 0 | 20.06 | 20.01 | 20.01 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.95 | 20.08 | 19.98 | | |
| 15 | 16QAM | 1 | 74 | 19.86 | 19.91 | 19.93 | | |
| 15 | 16QAM | 36 | 0 | 19.99 | 19.95 | 20.06 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.02 | 20.03 | 19.94 | | |
| 15 | 16QAM | 36 | 39 | 19.82 | 20.07 | 20.05 | | |
| 15 | 16QAM | 75 | 0 | 19.80 | 19.80 | 19.95 | | |
| 15 | 64QAM | 1 | 0 | 20.19 | 20.17 | 20.20 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.04 | 20.25 | 20.24 | | |
| 15 | 64QAM | 1 | 74 | 19.86 | 20.05 | 20.08 | | |
| 15 | 64QAM | 36 | 0 | 19.46 | 19.33 | 19.57 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.56 | 19.70 | | |
| 15 | 64QAM | 36 | 39 | 19.42 | 19.39 | 19.63 | | |
| 15 | 64QAM | 75 | 0 | 19.56 | 19.45 | 19.56 | | |
| 15 | 256QAM | 1 | 0 | 17.56 | 17.48 | 17.48 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.41 | 17.47 | 17.50 | | |
| 15 | 256QAM | 1 | 74 | 17.35 | 17.39 | 17.22 | | |
| 15 | 256QAM | 36 | 0 | 17.46 | 17.50 | 17.53 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.30 | 17.45 | 17.37 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.48 | 17.33 | | |
| 15 | 256QAM | 75 | 0 | 17.49 | 17.32 | 17.58 | | |
| Channel | | | | 26350 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 19.97 | 20.18 | 20.16 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.99 | 20.16 | 20.06 | | |
| 10 | QPSK | 1 | 49 | 19.82 | 19.95 | 19.96 | | |
| 10 | QPSK | 25 | 0 | 19.96 | 20.01 | 19.90 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.90 | 20.01 | 20.00 | | |
| 10 | QPSK | 25 | 25 | 19.77 | 19.83 | 19.84 | | |
| 10 | QPSK | 50 | 0 | 19.76 | 19.93 | 20.06 | | |
| 10 | 16QAM | 1 | 0 | 20.08 | 20.07 | 20.00 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.97 | 20.03 | 19.91 | | |
| 10 | 16QAM | 1 | 49 | 19.73 | 19.88 | 19.94 | | |
| 10 | 16QAM | 25 | 0 | 19.99 | 19.98 | 19.99 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.99 | 19.93 | 20.04 | | |
| 10 | 16QAM | 25 | 25 | 19.83 | 20.11 | 20.01 | | |
| 10 | 16QAM | 50 | 0 | 19.78 | 19.88 | 20.01 | | |
| 10 | 64QAM | 1 | 0 | 20.11 | 20.20 | 20.23 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.92 | 20.14 | 20.20 | | |
| 10 | 64QAM | 1 | 49 | 19.91 | 20.00 | 20.04 | | |
| 10 | 64QAM | 25 | 0 | 19.48 | 19.42 | 19.48 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.45 | 19.50 | 19.59 | | |
| 10 | 64QAM | 25 | 25 | 19.34 | 19.41 | 19.58 | | |
| 10 | 64QAM | 50 | 0 | 19.44 | 19.48 | 19.57 | | |
| 10 | 256QAM | 1 | 0 | 17.49 | 17.49 | 17.57 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.43 | 17.44 | 17.51 | | |
| 10 | 256QAM | 1 | 49 | 17.35 | 17.44 | 17.26 | | |
| 10 | 256QAM | 25 | 0 | 17.57 | 17.63 | 17.58 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.26 | 17.40 | 17.42 | | |
| 10 | 256QAM | 25 | 25 | 17.63 | 17.52 | 17.24 | | |
| 10 | 256QAM | 50 | 0 | 17.41 | 17.43 | 17.65 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 19.99 | 20.20 | 20.04 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.00 | 20.17 | 20.13 | | |
| 5 | QPSK | 1 | 24 | 19.91 | 19.86 | 19.99 | | |
| 5 | QPSK | 12 | 0 | 20.06 | 20.11 | 19.95 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.87 | 20.05 | 19.92 | | |
| 5 | QPSK | 12 | 13 | 19.88 | 19.88 | 19.87 | | |
| 5 | QPSK | 25 | 0 | 19.73 | 20.01 | 20.00 | | |
| 5 | 16QAM | 1 | 0 | 19.94 | 20.04 | 20.00 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.95 | 19.96 | 19.90 | | |
| 5 | 16QAM | 1 | 24 | 19.76 | 19.91 | 19.91 | | |
| 5 | 16QAM | 12 | 0 | 19.97 | 19.94 | 20.08 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.90 | 20.03 | 20.00 | | |
| 5 | 16QAM | 12 | 13 | 19.89 | 20.12 | 20.11 | | |
| 5 | 16QAM | 25 | 0 | 19.75 | 19.87 | 19.90 | | |
| 5 | 64QAM | 1 | 0 | 20.13 | 20.12 | 20.25 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.99 | 20.18 | 20.19 | | |
| 5 | 64QAM | 1 | 24 | 19.94 | 19.96 | 19.94 | | |
| 5 | 64QAM | 12 | 0 | 19.47 | 19.38 | 19.54 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.43 | 19.47 | 19.62 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.40 | 19.61 | | |
| 5 | 64QAM | 25 | 0 | 19.55 | 19.48 | 19.61 | | |
| 5 | 256QAM | 1 | 0 | 17.43 | 17.45 | 17.49 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.49 | 17.52 | 17.51 | | |
| 5 | 256QAM | 1 | 24 | 17.39 | 17.50 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.49 | 17.54 | 17.58 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.33 | 17.38 | 17.49 | | |
| 5 | 256QAM | 12 | 13 | 17.67 | 17.50 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.50 | 17.45 | 17.66 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 20.03 | 20.21 | 20.12 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 19.91 | 20.09 | 20.06 | | |
| 3 | QPSK | 1 | 14 | 19.91 | 19.99 | 20.02 | | |
| 3 | QPSK | 8 | 0 | 20.06 | 20.02 | 19.91 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 19.92 | 20.05 | 19.96 | | |
| 3 | QPSK | 8 | 7 | 19.85 | 19.85 | 19.80 | | |
| 3 | QPSK | 15 | 0 | 19.86 | 20.01 | 20.04 | | |
| 3 | 16QAM | 1 | 0 | 19.95 | 19.99 | 20.06 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 19.99 | 20.08 | 20.04 | | |
| 3 | 16QAM | 1 | 14 | 19.83 | 19.83 | 19.85 | | |
| 3 | 16QAM | 8 | 0 | 20.01 | 19.98 | 20.10 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.02 | 19.97 | 20.03 | | |
| 3 | 16QAM | 8 | 7 | 19.77 | 20.04 | 20.04 | | |
| 3 | 16QAM | 15 | 0 | 19.74 | 19.87 | 19.96 | | |
| 3 | 64QAM | 1 | 0 | 20.11 | 20.21 | 20.16 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.03 | 20.21 | 20.14 | | |
| 3 | 64QAM | 1 | 14 | 19.93 | 19.97 | 20.08 | | |
| 3 | 64QAM | 8 | 0 | 19.40 | 19.36 | 19.57 | 21 | 0.5 |
| 3 | 64QAM | 8 | 4 | 19.51 | 19.48 | 19.60 | | |
| 3 | 64QAM | 8 | 7 | 19.32 | 19.41 | 19.63 | | |
| 3 | 64QAM | 15 | 0 | 19.47 | 19.53 | 19.64 | | |
| 3 | 256QAM | 1 | 0 | 17.50 | 17.47 | 17.47 | 19 | 2.5 |
| 3 | 256QAM | 1 | 8 | 17.46 | 17.57 | 17.43 | | |
| 3 | 256QAM | 1 | 14 | 17.45 | 17.44 | 17.25 | | |
| 3 | 256QAM | 8 | 0 | 17.55 | 17.57 | 17.61 | 19 | 2.5 |
| 3 | 256QAM | 8 | 4 | 17.29 | 17.43 | 17.47 | | |
| 3 | 256QAM | 8 | 7 | 17.64 | 17.44 | 17.23 | | |
| 3 | 256QAM | 15 | 0 | 17.49 | 17.39 | 17.67 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.10 | 20.14 | 20.05 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.90 | 20.12 | 20.05 | | |
| 1.4 | QPSK | 1 | 5 | 19.90 | 19.99 | 19.97 | | |
| 1.4 | QPSK | 3 | 0 | 19.95 | 20.10 | 20.01 | | |
| 1.4 | QPSK | 3 | 1 | 19.89 | 19.97 | 19.88 | | |
| 1.4 | QPSK | 3 | 3 | 19.66 | 19.84 | 19.89 | | |
| 1.4 | QPSK | 6 | 0 | 19.77 | 19.98 | 20.06 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.95 | 20.08 | 20.05 | | |
| 1.4 | 16QAM | 1 | 3 | 19.89 | 20.02 | 20.03 | | |
| 1.4 | 16QAM | 1 | 5 | 19.85 | 19.91 | 19.86 | 21.5 | 0 |
| 1.4 | 16QAM | 3 | 0 | 19.88 | 20.02 | 20.07 | | |
| 1.4 | 16QAM | 3 | 1 | 19.98 | 20.05 | 19.92 | | |
| 1.4 | 16QAM | 3 | 3 | 19.78 | 20.03 | 20.10 | | |
| 1.4 | 16QAM | 6 | 0 | 19.82 | 19.89 | 19.94 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.13 | 20.24 | 20.19 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.91 | 20.13 | 20.17 | | |
| 1.4 | 64QAM | 1 | 5 | 19.92 | 19.96 | 20.06 | | |
| 1.4 | 64QAM | 3 | 0 | 20.08 | 20.23 | 20.06 | | |
| 1.4 | 64QAM | 3 | 1 | 19.78 | 20.06 | 20.09 | | |
| 1.4 | 64QAM | 3 | 3 | 19.85 | 19.92 | 19.92 | | |
| 1.4 | 64QAM | 6 | 0 | 19.57 | 19.55 | 19.62 | 21 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 17.56 | 17.55 | 17.60 | 19 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 17.49 | 17.43 | 17.53 | | |
| 1.4 | 256QAM | 1 | 5 | 17.37 | 17.51 | 17.25 | | |
| 1.4 | 256QAM | 3 | 0 | 17.58 | 17.56 | 17.58 | | |
| 1.4 | 256QAM | 3 | 1 | 17.30 | 17.38 | 17.41 | | |
| 1.4 | 256QAM | 3 | 3 | 17.57 | 17.44 | 17.31 | | |
| 1.4 | 256QAM | 6 | 0 | 17.47 | 17.35 | 17.69 | 19 | 2.5 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 20.41 | 20.42 | 20.34 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.27 | 20.32 | 20.28 | | |
| 20 | QPSK | 1 | 99 | 20.21 | 20.34 | 20.23 | | |
| 20 | QPSK | 50 | 0 | 20.31 | 20.41 | 20.29 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.25 | 20.39 | 20.25 | | |
| 20 | QPSK | 50 | 50 | 20.19 | 20.34 | 20.19 | | |
| 20 | QPSK | 100 | 0 | 20.35 | 20.40 | 20.23 | | |
| 20 | 16QAM | 1 | 0 | 20.37 | 20.35 | 20.26 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.19 | 20.35 | 20.19 | | |
| 20 | 16QAM | 1 | 99 | 20.22 | 20.33 | 20.16 | | |
| 20 | 16QAM | 50 | 0 | 20.22 | 20.40 | 20.15 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.17 | 20.40 | 20.20 | | |
| 20 | 16QAM | 50 | 50 | 20.28 | 20.38 | 20.14 | | |
| 20 | 16QAM | 100 | 0 | 20.27 | 20.24 | 20.19 | | |
| 20 | 64QAM | 1 | 0 | 20.30 | 20.27 | 20.24 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.55 | 20.68 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.41 | 20.26 | | |
| 20 | 64QAM | 50 | 0 | 19.96 | 19.83 | 19.81 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.99 | 19.88 | 19.81 | | |
| 20 | 64QAM | 50 | 50 | 19.83 | 19.78 | 19.92 | | |
| 20 | 64QAM | 100 | 0 | 19.98 | 19.83 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.69 | 17.76 | 17.72 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.70 | 17.59 | | |
| 20 | 256QAM | 1 | 99 | 17.91 | 17.88 | 17.73 | | |
| 20 | 256QAM | 50 | 0 | 17.75 | 17.72 | 17.54 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.71 | 17.65 | 17.69 | | |
| 20 | 256QAM | 50 | 50 | 17.79 | 17.69 | 17.71 | | |
| 20 | 256QAM | 100 | 0 | 17.69 | 17.62 | 17.69 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 20.32 | 20.35 | 20.29 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 20.21 | 20.37 | 20.27 | | |
| 15 | QPSK | 1 | 74 | 20.19 | 20.32 | 20.13 | | |
| 15 | QPSK | 36 | 0 | 20.19 | 20.39 | 20.20 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.17 | 20.32 | 20.15 | | |
| 15 | QPSK | 36 | 39 | 20.07 | 20.27 | 20.07 | | |
| 15 | QPSK | 75 | 0 | 20.28 | 20.37 | 20.17 | | |
| 15 | 16QAM | 1 | 0 | 20.34 | 20.32 | 20.22 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.12 | 20.27 | 20.10 | | |
| 15 | 16QAM | 1 | 74 | 20.16 | 20.23 | 20.07 | | |
| 15 | 16QAM | 36 | 0 | 20.15 | 20.29 | 20.04 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.09 | 20.37 | 20.19 | | |
| 15 | 16QAM | 36 | 39 | 20.24 | 20.32 | 20.03 | | |
| 15 | 16QAM | 75 | 0 | 20.18 | 20.18 | 20.11 | | |
| 15 | 64QAM | 1 | 0 | 20.25 | 20.21 | 20.20 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.28 | 20.20 | 20.12 | | |
| 15 | 64QAM | 1 | 74 | 20.21 | 20.32 | 20.05 | | |
| 15 | 64QAM | 36 | 0 | 19.88 | 19.76 | 19.69 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.95 | 19.78 | 19.71 | | |
| 15 | 64QAM | 36 | 39 | 19.71 | 19.68 | 19.82 | | |
| 15 | 64QAM | 75 | 0 | 19.91 | 19.74 | 19.86 | | |
| 15 | 256QAM | 1 | 0 | 17.67 | 17.72 | 17.67 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.75 | 17.67 | 17.55 | | |
| 15 | 256QAM | 1 | 74 | 17.78 | 17.79 | 17.66 | | |
| 15 | 256QAM | 36 | 0 | 17.56 | 17.60 | 17.52 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.63 | 17.56 | 17.57 | | |
| 15 | 256QAM | 36 | 39 | 17.74 | 17.64 | 17.62 | | |
| 15 | 256QAM | 75 | 0 | 17.60 | 17.51 | 17.67 | | |
| Channel | | | | 26350 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 20.30 | 20.35 | 20.27 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 20.19 | 20.24 | 20.26 | | |
| 10 | QPSK | 1 | 49 | 20.10 | 20.28 | 20.20 | | |
| 10 | QPSK | 25 | 0 | 20.19 | 20.34 | 20.19 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.23 | 20.30 | 20.14 | | |
| 10 | QPSK | 25 | 25 | 20.10 | 20.25 | 20.14 | | |
| 10 | QPSK | 50 | 0 | 20.23 | 20.35 | 20.15 | | |
| 10 | 16QAM | 1 | 0 | 20.29 | 20.30 | 20.16 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.14 | 20.23 | 20.10 | | |
| 10 | 16QAM | 1 | 49 | 20.14 | 20.27 | 20.14 | | |
| 10 | 16QAM | 25 | 0 | 20.18 | 20.31 | 20.23 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.08 | 20.35 | 20.11 | | |
| 10 | 16QAM | 25 | 25 | 20.17 | 20.30 | 20.03 | | |
| 10 | 16QAM | 50 | 0 | 20.15 | 20.27 | 20.07 | | |
| 10 | 64QAM | 1 | 0 | 20.28 | 20.18 | 20.21 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.28 | 20.30 | 20.20 | | |
| 10 | 64QAM | 1 | 49 | 20.17 | 20.38 | 20.15 | | |
| 10 | 64QAM | 25 | 0 | 19.69 | 19.72 | 19.70 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.93 | 19.81 | 19.79 | | |
| 10 | 64QAM | 25 | 25 | 19.72 | 19.72 | 19.83 | | |
| 10 | 64QAM | 50 | 0 | 19.92 | 19.75 | 19.79 | | |
| 10 | 256QAM | 1 | 0 | 17.62 | 17.70 | 17.80 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.70 | 17.68 | 17.53 | | |
| 10 | 256QAM | 1 | 49 | 17.77 | 17.83 | 17.68 | | |
| 10 | 256QAM | 25 | 0 | 17.64 | 17.65 | 17.47 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.58 | 17.54 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.70 | 17.59 | 17.65 | | |
| 10 | 256QAM | 50 | 0 | 17.65 | 17.52 | 17.57 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 20.35 | 20.37 | 20.34 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 20.20 | 20.24 | 20.19 | | |
| 5 | QPSK | 1 | 24 | 20.16 | 20.25 | 20.17 | | |
| 5 | QPSK | 12 | 0 | 20.25 | 20.36 | 20.24 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.22 | 20.28 | 20.21 | | |
| 5 | QPSK | 12 | 13 | 20.13 | 20.31 | 20.07 | | |
| 5 | QPSK | 25 | 0 | 20.32 | 20.30 | 20.21 | | |
| 5 | 16QAM | 1 | 0 | 20.27 | 20.28 | 20.17 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.07 | 20.33 | 20.08 | | |
| 5 | 16QAM | 1 | 24 | 20.20 | 20.28 | 20.13 | | |
| 5 | 16QAM | 12 | 0 | 20.10 | 20.33 | 20.11 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.10 | 20.36 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.20 | 20.32 | 20.08 | | |
| 5 | 16QAM | 25 | 0 | 20.22 | 20.17 | 20.07 | | |
| 5 | 64QAM | 1 | 0 | 20.24 | 20.19 | 20.16 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.31 | 20.23 | 20.21 | | |
| 5 | 64QAM | 1 | 24 | 20.23 | 20.32 | 20.22 | | |
| 5 | 64QAM | 12 | 0 | 19.92 | 19.75 | 19.76 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.97 | 19.85 | 19.72 | | |
| 5 | 64QAM | 12 | 13 | 19.81 | 19.69 | 19.86 | | |
| 5 | 64QAM | 25 | 0 | 19.92 | 19.80 | 19.83 | | |
| 5 | 256QAM | 1 | 0 | 17.79 | 17.85 | 17.83 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.68 | 17.58 | 17.55 | | |
| 5 | 256QAM | 1 | 24 | 17.71 | 17.85 | 17.66 | | |
| 5 | 256QAM | 12 | 0 | 17.82 | 17.85 | 17.52 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.55 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.74 | 17.67 | 17.62 | | |
| 5 | 256QAM | 25 | 0 | 17.65 | 17.57 | 17.57 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 20.39 | 20.39 | 20.34 | 21.5 | 0 |
| 3 | QPSK | 1 | 8 | 20.17 | 20.20 | 20.25 | | |
| 3 | QPSK | 1 | 14 | 20.11 | 20.24 | 20.20 | | |
| 3 | QPSK | 8 | 0 | 20.25 | 20.35 | 20.20 | 21.5 | 0 |
| 3 | QPSK | 8 | 4 | 20.13 | 20.33 | 20.22 | | |
| 3 | QPSK | 8 | 7 | 20.08 | 20.30 | 20.07 | | |
| 3 | QPSK | 15 | 0 | 20.33 | 20.38 | 20.15 | | |
| 3 | 16QAM | 1 | 0 | 20.28 | 20.24 | 20.21 | 21.5 | 0 |
| 3 | 16QAM | 1 | 8 | 20.11 | 20.31 | 20.08 | | |
| 3 | 16QAM | 1 | 14 | 20.16 | 20.25 | 20.11 | | |
| 3 | 16QAM | 8 | 0 | 20.14 | 20.31 | 20.08 | 21.5 | 0 |
| 3 | 16QAM | 8 | 4 | 20.11 | 20.39 | 20.12 | | |
| 3 | 16QAM | 8 | 7 | 20.21 | 20.31 | 20.08 | | |
| 3 | 16QAM | 15 | 0 | 20.17 | 20.15 | 20.15 | | |
| 3 | 64QAM | 1 | 0 | 20.27 | 20.25 | 20.21 | 21.5 | 0 |
| 3 | 64QAM | 1 | 8 | 20.22 | 20.24 | 20.13 | | |
| 3 | 64QAM | 1 | 14 | 20.21 | 20.37 | 20.23 | | |
| 3 | 64QAM | 8 | 0 | 19.87 | 19.72 | 19.71 | 21 | 0.5 |
| 3 | 64QAM | 8 | 4 | 19.96 | 19.81 | 19.79 | | |
| 3 | 64QAM | 8 | 7 | 19.80 | 19.71 | 19.80 | | |
| 3 | 64QAM | 15 | 0 | 19.94 | 19.73 | 19.86 | | |
| 3 | 256QAM | 1 | 0 | 17.82 | 17.72 | 17.68 | 19 | 2.5 |
| 3 | 256QAM | 1 | 8 | 17.59 | 17.79 | 17.49 | | |
| 3 | 256QAM | 1 | 14 | 17.71 | 17.78 | 17.63 | | |
| 3 | 256QAM | 8 | 0 | 17.64 | 17.66 | 17.43 | 19 | 2.5 |
| 3 | 256QAM | 8 | 4 | 17.58 | 17.63 | 17.63 | | |
| 3 | 256QAM | 8 | 7 | 17.71 | 17.58 | 17.62 | | |
| 3 | 256QAM | 15 | 0 | 17.59 | 17.54 | 17.60 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.37 | 20.38 | 20.29 | 21.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.24 | 20.22 | 20.23 | | |
| 1.4 | QPSK | 1 | 5 | 20.15 | 20.27 | 20.13 | | |
| 1.4 | QPSK | 3 | 0 | 20.26 | 20.39 | 20.20 | | |
| 1.4 | QPSK | 3 | 1 | 20.18 | 20.34 | 20.22 | | |
| 1.4 | QPSK | 3 | 3 | 20.11 | 20.23 | 20.14 | | |
| 1.4 | QPSK | 6 | 0 | 20.25 | 20.31 | 20.15 | 21.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.18 | 20.29 | 20.17 | | |
| 1.4 | 16QAM | 1 | 3 | 20.14 | 20.28 | 20.13 | | |
| 1.4 | 16QAM | 1 | 5 | 20.15 | 20.28 | 20.12 | 21.5 | 0 |
| 1.4 | 16QAM | 3 | 0 | 20.20 | 20.36 | 20.10 | | |
| 1.4 | 16QAM | 3 | 1 | 20.18 | 20.30 | 20.12 | | |
| 1.4 | 16QAM | 3 | 3 | 20.22 | 20.28 | 20.08 | | |
| 1.4 | 16QAM | 6 | 0 | 20.24 | 20.21 | 20.16 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.24 | 20.22 | 21.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.22 | 20.26 | 20.13 | | |
| 1.4 | 64QAM | 1 | 5 | 20.23 | 20.30 | 20.17 | | |
| 1.4 | 64QAM | 3 | 0 | 20.21 | 20.28 | 20.25 | | |
| 1.4 | 64QAM | 3 | 1 | 20.24 | 20.28 | 20.14 | | |
| 1.4 | 64QAM | 3 | 3 | 20.21 | 20.27 | 20.17 | | |
| 1.4 | 64QAM | 6 | 0 | 19.94 | 19.79 | 19.86 | 21 | 0.5 |
| 1.4 | 256QAM | 1 | 0 | 17.84 | 17.71 | 17.66 | 19 | 2.5 |
| 1.4 | 256QAM | 1 | 3 | 17.68 | 17.66 | 17.55 | | |
| 1.4 | 256QAM | 1 | 5 | 17.80 | 17.77 | 17.61 | | |
| 1.4 | 256QAM | 3 | 0 | 17.64 | 17.68 | 17.47 | | |
| 1.4 | 256QAM | 3 | 1 | 17.68 | 17.56 | 17.59 | | |
| 1.4 | 256QAM | 3 | 3 | 17.62 | 17.50 | 17.62 | | |
| 1.4 | 256QAM | 6 | 0 | 17.58 | 17.50 | 17.57 | 19 | 2.5 |

## Band 26_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 22.25 | 22.45 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.18 | 22.35 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.24 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 21.48 | 21.48 | 21.41 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.45 | 21.40 | 21.38 | | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.31 | 21.32 | | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.42 | 21.32 | | |
| 15 | 16QAM | 1 | 0 | 21.70 | 21.60 | 21.84 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.60 | 21.80 | 21.65 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 21.63 | 21.58 | | |

## Band 66_Ant 0

| 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 | 20.51 | 20.53 | 20.43 | 22 | 0 |
| 20 | QPSK | 1 | 49 | 20.15 | 20.30 | 20.31 | | |
| 20 | QPSK | 1 | 99 | 20.34 | 20.35 | 20.28 | | |
| 20 | QPSK | 50 | 0 | 20.39 | 20.48 | 20.38 | 22 | 0 |
| 20 | QPSK | 50 | 24 | 20.20 | 20.15 | 20.15 | | |
| 20 | QPSK | 50 | 50 | 20.27 | 20.33 | 20.30 | | |
| 20 | QPSK | 100 | 0 | 20.28 | 20.39 | 20.34 | | |
| 20 | 16QAM | 1 | 0 | 20.34 | 20.40 | 20.33 | 22 | 0 |
| 20 | 16QAM | 1 | 49 | 20.15 | 20.28 | 20.45 | | |
| 20 | 16QAM | 1 | 99 | 20.31 | 20.50 | 20.34 | | |
| 20 | 16QAM | 50 | 0 | 20.43 | 20.34 | 20.45 | 22 | 0 |
| 20 | 16QAM | 50 | 24 | 20.51 | 20.43 | 20.49 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.41 | 20.32 | | |
| 20 | 16QAM | 100 | 0 | 20.41 | 20.32 | 20.23 | | |
| 20 | 64QAM | 1 | 0 | 20.28 | 20.31 | 20.18 | 22 | 0 |
| 20 | 64QAM | 1 | 49 | 20.05 | 20.03 | 20.15 | | |
| 20 | 64QAM | 1 | 99 | 20.12 | 20.22 | 20.08 | | |
| 20 | 64QAM | 50 | 0 | 19.20 | 19.46 | 19.41 | 21 | 1 |
| 20 | 64QAM | 50 | 24 | 19.36 | 19.31 | 19.39 | | |
| 20 | 64QAM | 50 | 50 | 19.17 | 19.39 | 19.40 | | |
| 20 | 64QAM | 100 | 0 | 19.27 | 19.43 | 19.31 | | |
| 20 | 256QAM | 1 | 0 | 17.37 | 17.16 | 17.28 | 19 | 3 |
| 20 | 256QAM | 1 | 49 | 17.22 | 17.29 | 17.31 | | |
| 20 | 256QAM | 1 | 99 | 17.17 | 17.28 | 17.18 | | |
| 20 | 256QAM | 50 | 0 | 17.17 | 17.22 | 17.39 | 19 | 3 |
| 20 | 256QAM | 50 | 24 | 17.39 | 17.27 | 17.40 | | |
| 20 | 256QAM | 50 | 50 | 17.32 | 17.17 | 17.23 | | |
| 20 | 256QAM | 100 | 0 | 17.07 | 17.15 | 17.10 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.49 | 20.40 | 20.41 | 22 | 0 |
| 15 | QPSK | 1 | 37 | 20.09 | 20.22 | 20.19 | | |
| 15 | QPSK | 1 | 74 | 20.29 | 20.33 | 20.24 | | |
| 15 | QPSK | 36 | 0 | 20.25 | 20.40 | 20.29 | 22 | 0 |
| 15 | QPSK | 36 | 20 | 20.13 | 20.02 | 20.00 | | |
| 15 | QPSK | 36 | 39 | 20.23 | 20.31 | 20.15 | | |
| 15 | QPSK | 75 | 0 | 20.20 | 20.26 | 20.31 | | |
| 15 | 16QAM | 1 | 0 | 20.28 | 20.33 | 20.32 | 22 | 0 |
| 15 | 16QAM | 1 | 37 | 20.13 | 20.17 | 20.31 | | |
| 15 | 16QAM | 1 | 74 | 20.20 | 20.46 | 20.24 | | |
| 15 | 16QAM | 36 | 0 | 20.51 | 20.33 | 20.32 | 22 | 0 |
| 15 | 16QAM | 36 | 20 | 20.38 | 20.38 | 20.44 | | |
| 15 | 16QAM | 36 | 39 | 20.12 | 20.38 | 20.23 | | |
| 15 | 16QAM | 75 | 0 | 20.32 | 20.30 | 20.11 | | |
| 15 | 64QAM | 1 | 0 | 20.23 | 20.24 | 20.13 | 22 | 0 |
| 15 | 64QAM | 1 | 37 | 20.19 | 20.16 | 20.00 | | |
| 15 | 64QAM | 1 | 74 | 20.17 | 20.19 | 20.14 | | |
| 15 | 64QAM | 36 | 0 | 19.07 | 19.37 | 19.31 | 21 | 1 |
| 15 | 64QAM | 36 | 20 | 19.21 | 19.19 | 19.25 | | |
| 15 | 64QAM | 36 | 39 | 19.10 | 19.30 | 19.29 | | |
| 15 | 64QAM | 75 | 0 | 19.20 | 19.36 | 19.29 | | |
| 15 | 256QAM | 1 | 0 | 17.32 | 17.03 | 17.19 | 19 | 3 |
| 15 | 256QAM | 1 | 37 | 17.17 | 17.28 | 17.19 | | |
| 15 | 256QAM | 1 | 74 | 17.09 | 17.16 | 17.05 | | |
| 15 | 256QAM | 36 | 0 | 17.08 | 17.13 | 17.28 | 19 | 3 |
| 15 | 256QAM | 36 | 20 | 17.29 | 17.26 | 17.28 | | |
| 15 | 256QAM | 36 | 39 | 17.26 | 17.16 | 17.18 | | |
| 15 | 256QAM | 75 | 0 | 17.13 | 17.09 | 17.17 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.48 | 20.43 | 20.27 | 22 | 0 |
| 10 | QPSK | 1 | 25 | 20.14 | 20.16 | 20.22 | | |
| 10 | QPSK | 1 | 49 | 20.31 | 20.24 | 20.17 | | |
| 10 | QPSK | 25 | 0 | 20.33 | 20.39 | 20.30 | 22 | 0 |
| 10 | QPSK | 25 | 12 | 20.18 | 20.13 | 20.01 | | |
| 10 | QPSK | 25 | 25 | 20.13 | 20.30 | 20.23 | | |
| 10 | QPSK | 50 | 0 | 20.23 | 20.32 | 20.31 | | |
| 10 | 16QAM | 1 | 0 | 20.22 | 20.25 | 20.27 | 22 | 0 |
| 10 | 16QAM | 1 | 25 | 20.05 | 20.15 | 20.34 | | |
| 10 | 16QAM | 1 | 49 | 20.27 | 20.45 | 20.29 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.24 | 20.44 | 22 | 0 |
| 10 | 16QAM | 25 | 12 | 20.50 | 20.37 | 20.45 | | |
| 10 | 16QAM | 25 | 25 | 20.07 | 20.26 | 20.28 | | |
| 10 | 16QAM | 50 | 0 | 20.37 | 20.19 | 20.15 | | |
| 10 | 64QAM | 1 | 0 | 20.20 | 20.21 | 20.05 | 22 | 0 |
| 10 | 64QAM | 1 | 25 | 20.10 | 20.17 | 20.00 | | |
| 10 | 64QAM | 1 | 49 | 20.17 | 20.19 | 20.02 | | |
| 10 | 64QAM | 25 | 0 | 19.05 | 19.42 | 19.37 | 21 | 1 |
| 10 | 64QAM | 25 | 12 | 19.24 | 19.26 | 19.37 | | |
| 10 | 64QAM | 25 | 25 | 19.10 | 19.35 | 19.34 | | |
| 10 | 64QAM | 50 | 0 | 19.23 | 19.38 | 19.27 | | |
| 10 | 256QAM | 1 | 0 | 17.29 | 17.08 | 17.15 | 19 | 3 |
| 10 | 256QAM | 1 | 25 | 17.07 | 17.21 | 17.27 | | |
| 10 | 256QAM | 1 | 49 | 17.11 | 17.18 | 17.15 | | |
| 10 | 256QAM | 25 | 0 | 17.04 | 17.19 | 17.30 | 19 | 3 |
| 10 | 256QAM | 25 | 12 | 17.31 | 17.14 | 17.30 | | |
| 10 | 256QAM | 25 | 25 | 17.28 | 17.15 | 17.12 | | |
| 10 | 256QAM | 50 | 0 | 17.03 | 17.11 | 17.01 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.46 | 20.38 | 20.41 | 22 | 0 |
| 5 | QPSK | 1 | 12 | 20.04 | 20.27 | 20.28 | | |
| 5 | QPSK | 1 | 24 | 20.28 | 20.22 | 20.25 | | |
| 5 | QPSK | 12 | 0 | 20.22 | 20.49 | 20.25 | 22 | 0 |
| 5 | QPSK | 12 | 7 | 20.15 | 20.04 | 20.08 | | |
| 5 | QPSK | 12 | 13 | 20.23 | 20.22 | 20.15 | | |
| 5 | QPSK | 25 | 0 | 20.15 | 20.36 | 20.26 | | |
| 5 | 16QAM | 1 | 0 | 20.22 | 20.34 | 20.23 | 22 | 0 |
| 5 | 16QAM | 1 | 12 | 20.10 | 20.21 | 20.43 | | |
| 5 | 16QAM | 1 | 24 | 20.23 | 20.47 | 20.32 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.22 | 20.44 | 22 | 0 |
| 5 | 16QAM | 12 | 7 | 20.47 | 20.36 | 20.44 | | |
| 5 | 16QAM | 12 | 13 | 20.11 | 20.34 | 20.31 | | |
| 5 | 16QAM | 25 | 0 | 20.39 | 20.21 | 20.10 | | |
| 5 | 64QAM | 1 | 0 | 20.13 | 20.22 | 20.05 | 22 | 0 |
| 5 | 64QAM | 1 | 12 | 20.01 | 20.17 | 20.11 | | |
| 5 | 64QAM | 1 | 24 | 20.11 | 20.16 | 20.14 | | |
| 5 | 64QAM | 12 | 0 | 19.18 | 19.31 | 19.38 | 21 | 1 |
| 5 | 64QAM | 12 | 7 | 19.34 | 19.18 | 19.35 | | |
| 5 | 64QAM | 12 | 13 | 19.14 | 19.35 | 19.27 | | |
| 5 | 64QAM | 25 | 0 | 19.24 | 19.39 | 19.22 | | |
| 5 | 256QAM | 1 | 0 | 17.34 | 17.08 | 17.17 | 19 | 3 |
| 5 | 256QAM | 1 | 12 | 17.16 | 17.16 | 17.21 | | |
| 5 | 256QAM | 1 | 24 | 17.10 | 17.19 | 17.14 | | |
| 5 | 256QAM | 12 | 0 | 17.11 | 17.19 | 17.24 | 19 | 3 |
| 5 | 256QAM | 12 | 7 | 17.28 | 17.22 | 17.31 | | |
| 5 | 256QAM | 12 | 13 | 17.24 | 17.02 | 17.11 | | |
| 5 | 256QAM | 25 | 0 | 17.12 | 17.08 | 17.05 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.41 | 20.45 | 20.38 | 22 | 0 |
| 3 | QPSK | 1 | 8 | 20.14 | 20.19 | 20.21 | | |
| 3 | QPSK | 1 | 14 | 20.20 | 20.29 | 20.24 | | |
| 3 | QPSK | 8 | 0 | 20.33 | 20.35 | 20.25 | 22 | 0 |
| 3 | QPSK | 8 | 4 | 20.13 | 20.01 | 20.03 | | |
| 3 | QPSK | 8 | 7 | 20.14 | 20.25 | 20.20 | | |
| 3 | QPSK | 15 | 0 | 20.14 | 20.32 | 20.25 | | |
| 3 | 16QAM | 1 | 0 | 20.23 | 20.38 | 20.19 | 22 | 0 |
| 3 | 16QAM | 1 | 8 | 20.14 | 20.21 | 20.33 | | |
| 3 | 16QAM | 1 | 14 | 20.30 | 20.35 | 20.29 | | |
| 3 | 16QAM | 8 | 0 | 20.49 | 20.36 | 20.41 | 22 | 0 |
| 3 | 16QAM | 8 | 4 | 20.41 | 20.38 | 20.44 | | |
| 3 | 16QAM | 8 | 7 | 20.11 | 20.30 | 20.30 | | |
| 3 | 16QAM | 15 | 0 | 20.40 | 20.18 | 20.13 | | |
| 3 | 64QAM | 1 | 0 | 20.26 | 20.28 | 20.16 | 22 | 0 |
| 3 | 64QAM | 1 | 8 | 20.00 | 20.15 | 20.08 | | |
| 3 | 64QAM | 1 | 14 | 20.07 | 20.10 | 20.16 | | |
| 3 | 64QAM | 8 | 0 | 19.10 | 19.39 | 19.36 | 21 | 1 |
| 3 | 64QAM | 8 | 4 | 19.31 | 19.17 | 19.33 | | |
| 3 | 64QAM | 8 | 7 | 19.15 | 19.33 | 19.35 | | |
| 3 | 64QAM | 15 | 0 | 19.26 | 19.28 | 19.21 | | |
| 3 | 256QAM | 1 | 0 | 17.27 | 17.09 | 17.17 | 19 | 3 |
| 3 | 256QAM | 1 | 8 | 17.13 | 17.16 | 17.25 | | |
| 3 | 256QAM | 1 | 14 | 17.02 | 17.14 | 17.09 | | |
| 3 | 256QAM | 8 | 0 | 17.08 | 17.09 | 17.28 | 19 | 3 |
| 3 | 256QAM | 8 | 4 | 17.32 | 17.12 | 17.26 | | |
| 3 | 256QAM | 8 | 7 | 17.23 | 17.08 | 17.21 | | |
| 3 | 256QAM | 15 | 0 | 17.17 | 17.01 | 17.08 | | |
| Channel | | | | 131972 | 132322 | 132672 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.42 | 20.35 | 20.29 | 22 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.10 | 20.29 | 20.23 | | |
| 1.4 | QPSK | 1 | 5 | 20.26 | 20.23 | 20.24 | | |
| 1.4 | QPSK | 3 | 0 | 20.30 | 20.43 | 20.31 | | |
| 1.4 | QPSK | 3 | 1 | 20.14 | 20.05 | 20.02 | | |
| 1.4 | QPSK | 3 | 3 | 20.26 | 20.29 | 20.22 | | |
| 1.4 | QPSK | 6 | 0 | 20.14 | 20.38 | 20.27 | 22 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.28 | 20.39 | 20.23 | 22 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.08 | 20.14 | 20.37 | | |
| 1.4 | 16QAM | 1 | 5 | 20.30 | 20.36 | 20.22 | | |
| 1.4 | 16QAM | 3 | 0 | 20.51 | 20.20 | 20.35 | | |
| 1.4 | 16QAM | 3 | 1 | 20.45 | 20.33 | 20.43 | | |
| 1.4 | 16QAM | 3 | 3 | 20.08 | 20.39 | 20.23 | | |
| 1.4 | 16QAM | 6 | 0 | 20.28 | 20.28 | 20.18 | 22 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.27 | 20.15 | 22 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.04 | 20.14 | 20.03 | | |
| 1.4 | 64QAM | 1 | 5 | 20.03 | 20.09 | 20.00 | | |
| 1.4 | 64QAM | 3 | 0 | 20.08 | 20.21 | 20.09 | | |
| 1.4 | 64QAM | 3 | 1 | 20.17 | 20.13 | 20.09 | | |
| 1.4 | 64QAM | 3 | 3 | 20.09 | 20.17 | 20.09 | | |
| 1.4 | 64QAM | 6 | 0 | 19.15 | 19.38 | 19.30 | 21 | 1 |
| 1.4 | 256QAM | 1 | 0 | 17.30 | 17.12 | 17.23 | 19 | 3 |
| 1.4 | 256QAM | 1 | 3 | 17.15 | 17.27 | 17.25 | | |
| 1.4 | 256QAM | 1 | 5 | 17.16 | 17.14 | 17.04 | | |
| 1.4 | 256QAM | 3 | 0 | 17.03 | 17.09 | 17.31 | | |
| 1.4 | 256QAM | 3 | 1 | 17.37 | 17.13 | 17.33 | | |
| 1.4 | 256QAM | 3 | 3 | 17.29 | 17.13 | 17.08 | | |
| 1.4 | 256QAM | 6 | 0 | 17.00 | 17.13 | 17.06 | 19 | 3 |

## Band 66_Ant 4

| 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 | 19.45 | 19.57 | 19.43 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.41 | 19.40 | 19.36 | | |
| 20 | QPSK | 1 | 99 | 19.25 | 19.47 | 19.33 | | |
| 20 | QPSK | 50 | 0 | 19.37 | 19.47 | 19.38 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.26 | 19.44 | 19.29 | | |
| 20 | QPSK | 50 | 50 | 19.35 | 19.41 | 19.25 | | |
| 20 | QPSK | 100 | 0 | 19.37 | 19.45 | 19.43 | | |
| 20 | 16QAM | 1 | 0 | 19.36 | 19.38 | 19.45 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.37 | 19.46 | 19.34 | | |
| 20 | 16QAM | 1 | 99 | 19.27 | 19.43 | 19.38 | | |
| 20 | 16QAM | 50 | 0 | 19.33 | 19.53 | 19.49 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.49 | 19.48 | 19.54 | | |
| 20 | 16QAM | 50 | 50 | 19.38 | 19.37 | 19.46 | | |
| 20 | 16QAM | 100 | 0 | 19.31 | 19.42 | 19.39 | | |
| 20 | 64QAM | 1 | 0 | 19.39 | 19.52 | 19.48 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.30 | 19.54 | 19.33 | | |
| 20 | 64QAM | 1 | 99 | 19.32 | 19.42 | 19.33 | | |
| 20 | 64QAM | 50 | 0 | 19.48 | 19.50 | 19.50 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.56 | 19.52 | 19.40 | | |
| 20 | 64QAM | 50 | 50 | 19.38 | 19.43 | 19.35 | | |
| 20 | 64QAM | 100 | 0 | 19.55 | 19.51 | 19.37 | | |
| 20 | 256QAM | 1 | 0 | 17.46 | 17.51 | 17.40 | 19 | 2 |
| 20 | 256QAM | 1 | 49 | 17.45 | 17.41 | 17.34 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.44 | 17.31 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.32 | 17.22 | 19 | 2 |
| 20 | 256QAM | 50 | 24 | 17.34 | 17.33 | 17.16 | | |
| 20 | 256QAM | 50 | 50 | 17.38 | 17.28 | 17.32 | | |
| 20 | 256QAM | 100 | 0 | 17.35 | 17.31 | 17.14 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 19.33 | 19.47 | 19.40 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.29 | 19.37 | 19.25 | | |
| 15 | QPSK | 1 | 74 | 19.22 | 19.36 | 19.28 | | |
| 15 | QPSK | 36 | 0 | 19.29 | 19.45 | 19.30 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.20 | 19.42 | 19.18 | | |
| 15 | QPSK | 36 | 39 | 19.31 | 19.34 | 19.15 | | |
| 15 | QPSK | 75 | 0 | 19.25 | 19.41 | 19.39 | | |
| 15 | 16QAM | 1 | 0 | 19.25 | 19.31 | 19.43 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.33 | 19.34 | 19.24 | | |
| 15 | 16QAM | 1 | 74 | 19.23 | 19.35 | 19.32 | | |
| 15 | 16QAM | 36 | 0 | 19.23 | 19.44 | 19.45 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.44 | 19.43 | 19.44 | | |
| 15 | 16QAM | 36 | 39 | 19.33 | 19.30 | 19.42 | | |
| 15 | 16QAM | 75 | 0 | 19.22 | 19.40 | 19.36 | | |
| 15 | 64QAM | 1 | 0 | 19.28 | 19.47 | 19.42 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.23 | 19.42 | 19.27 | | |
| 15 | 64QAM | 1 | 74 | 19.26 | 19.32 | 19.29 | | |
| 15 | 64QAM | 36 | 0 | 19.36 | 19.46 | 19.43 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.54 | 19.48 | 19.32 | | |
| 15 | 64QAM | 36 | 39 | 19.44 | 19.50 | 19.25 | | |
| 15 | 64QAM | 75 | 0 | 19.47 | 19.42 | 19.35 | | |
| 15 | 256QAM | 1 | 0 | 17.37 | 17.40 | 17.35 | 19 | 2 |
| 15 | 256QAM | 1 | 37 | 17.34 | 17.38 | 17.25 | | |
| 15 | 256QAM | 1 | 74 | 17.51 | 17.32 | 17.23 | | |
| 15 | 256QAM | 36 | 0 | 17.18 | 17.22 | 17.11 | 19 | 2 |
| 15 | 256QAM | 36 | 20 | 17.30 | 17.30 | 17.14 | | |
| 15 | 256QAM | 36 | 39 | 17.26 | 17.33 | 17.29 | | |
| 15 | 256QAM | 75 | 0 | 17.31 | 17.26 | 17.11 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 19.33 | 19.48 | 19.41 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.37 | 19.32 | 19.24 | | |
| 10 | QPSK | 1 | 49 | 19.16 | 19.45 | 19.27 | | |
| 10 | QPSK | 25 | 0 | 19.34 | 19.44 | 19.28 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 19.18 | 19.38 | 19.24 | | |
| 10 | QPSK | 25 | 25 | 19.25 | 19.39 | 19.16 | | |
| 10 | QPSK | 50 | 0 | 19.32 | 19.42 | 19.34 | | |
| 10 | 16QAM | 1 | 0 | 19.29 | 19.28 | 19.35 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.34 | 19.34 | 19.27 | | |
| 10 | 16QAM | 1 | 49 | 19.24 | 19.40 | 19.29 | | |
| 10 | 16QAM | 25 | 0 | 19.21 | 19.43 | 19.38 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.39 | 19.46 | 19.45 | | |
| 10 | 16QAM | 25 | 25 | 19.31 | 19.27 | 19.34 | | |
| 10 | 16QAM | 50 | 0 | 19.24 | 19.38 | 19.33 | | |
| 10 | 64QAM | 1 | 0 | 19.29 | 19.52 | 19.37 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.19 | 19.52 | 19.30 | | |
| 10 | 64QAM | 1 | 49 | 19.26 | 19.37 | 19.24 | | |
| 10 | 64QAM | 25 | 0 | 19.45 | 19.40 | 19.38 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.50 | 19.48 | 19.30 | | |
| 10 | 64QAM | 25 | 25 | 19.41 | 19.51 | 19.30 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.46 | 19.32 | | |
| 10 | 256QAM | 1 | 0 | 17.34 | 17.45 | 17.28 | 19 | 2 |
| 10 | 256QAM | 1 | 25 | 17.43 | 17.31 | 17.31 | | |
| 10 | 256QAM | 1 | 49 | 17.46 | 17.36 | 17.26 | | |
| 10 | 256QAM | 25 | 0 | 17.20 | 17.29 | 17.16 | 19 | 2 |
| 10 | 256QAM | 25 | 12 | 17.24 | 17.24 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.26 | 17.27 | 17.29 | | |
| 10 | 256QAM | 50 | 0 | 17.28 | 17.22 | 17.07 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 19.33 | 19.45 | 19.39 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 19.36 | 19.29 | 19.34 | | |
| 5 | QPSK | 1 | 24 | 19.22 | 19.44 | 19.25 | | |
| 5 | QPSK | 12 | 0 | 19.33 | 19.45 | 19.29 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 19.20 | 19.37 | 19.26 | | |
| 5 | QPSK | 12 | 13 | 19.26 | 19.29 | 19.19 | | |
| 5 | QPSK | 25 | 0 | 19.29 | 19.33 | 19.39 | | |
| 5 | 16QAM | 1 | 0 | 19.25 | 19.32 | 19.42 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.33 | 19.39 | 19.23 | | |
| 5 | 16QAM | 1 | 24 | 19.21 | 19.40 | 19.26 | | |
| 5 | 16QAM | 12 | 0 | 19.27 | 19.51 | 19.42 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.46 | 19.39 | 19.50 | | |
| 5 | 16QAM | 12 | 13 | 19.28 | 19.32 | 19.39 | | |
| 5 | 16QAM | 25 | 0 | 19.29 | 19.30 | 19.31 | | |
| 5 | 64QAM | 1 | 0 | 19.30 | 19.53 | 19.42 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.21 | 19.48 | 19.25 | | |
| 5 | 64QAM | 1 | 24 | 19.27 | 19.32 | 19.21 | | |
| 5 | 64QAM | 12 | 0 | 19.43 | 19.44 | 19.45 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.51 | 19.40 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.45 | 19.50 | 19.24 | | |
| 5 | 64QAM | 25 | 0 | 19.46 | 19.49 | 19.33 | | |
| 5 | 256QAM | 1 | 0 | 17.43 | 17.40 | 17.31 | 19 | 2 |
| 5 | 256QAM | 1 | 12 | 17.35 | 17.38 | 17.25 | | |
| 5 | 256QAM | 1 | 24 | 17.43 | 17.41 | 17.28 | | |
| 5 | 256QAM | 12 | 0 | 17.24 | 17.33 | 17.10 | 19 | 2 |
| 5 | 256QAM | 12 | 7 | 17.30 | 17.25 | 17.10 | | |
| 5 | 256QAM | 12 | 13 | 17.32 | 17.27 | 17.24 | | |
| 5 | 256QAM | 25 | 0 | 17.27 | 17.20 | 17.06 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 19.43 | 19.43 | 19.40 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 19.30 | 19.32 | 19.34 | | |
| 3 | QPSK | 1 | 14 | 19.15 | 19.38 | 19.26 | | |
| 3 | QPSK | 8 | 0 | 19.29 | 19.41 | 19.28 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 19.19 | 19.39 | 19.21 | | |
| 3 | QPSK | 8 | 7 | 19.26 | 19.29 | 19.23 | | |
| 3 | QPSK | 15 | 0 | 19.30 | 19.41 | 19.32 | | |
| 3 | 16QAM | 1 | 0 | 19.30 | 19.35 | 19.41 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.26 | 19.35 | 19.32 | | |
| 3 | 16QAM | 1 | 14 | 19.21 | 19.41 | 19.34 | | |
| 3 | 16QAM | 8 | 0 | 19.30 | 19.45 | 19.47 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.46 | 19.45 | 19.47 | | |
| 3 | 16QAM | 8 | 7 | 19.36 | 19.32 | 19.34 | | |
| 3 | 16QAM | 15 | 0 | 19.27 | 19.38 | 19.36 | | |
| 3 | 64QAM | 1 | 0 | 19.28 | 19.43 | 19.36 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.24 | 19.48 | 19.25 | | |
| 3 | 64QAM | 1 | 14 | 19.23 | 19.31 | 19.26 | | |
| 3 | 64QAM | 8 | 0 | 19.39 | 19.44 | 19.39 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.41 | 19.42 | 19.36 | | |
| 3 | 64QAM | 8 | 7 | 19.39 | 19.53 | 19.23 | | |
| 3 | 64QAM | 15 | 0 | 19.53 | 19.48 | 19.33 | | |
| 3 | 256QAM | 1 | 0 | 17.43 | 17.44 | 17.30 | 19 | 2 |
| 3 | 256QAM | 1 | 8 | 17.41 | 17.39 | 17.26 | | |
| 3 | 256QAM | 1 | 14 | 17.52 | 17.42 | 17.20 | | |
| 3 | 256QAM | 8 | 0 | 17.20 | 17.28 | 17.12 | 19 | 2 |
| 3 | 256QAM | 8 | 4 | 17.29 | 17.28 | 17.06 | | |
| 3 | 256QAM | 8 | 7 | 17.33 | 17.31 | 17.29 | | |
| 3 | 256QAM | 15 | 0 | 17.24 | 17.28 | 17.03 | | |
| Channel | | | | 131972 | 132322 | 132672 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.51 | 19.32 | 19.32 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 19.33 | 19.37 | 19.24 | | |
| 1.4 | QPSK | 1 | 5 | 19.22 | 19.35 | 19.21 | | |
| 1.4 | QPSK | 3 | 0 | 19.34 | 19.38 | 19.27 | | |
| 1.4 | QPSK | 3 | 1 | 19.21 | 19.36 | 19.22 | | |
| 1.4 | QPSK | 3 | 3 | 19.33 | 19.37 | 19.15 | | |
| 1.4 | QPSK | 6 | 0 | 19.27 | 19.36 | 19.37 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.26 | 19.35 | 19.40 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.34 | 19.34 | 19.26 | | |
| 1.4 | 16QAM | 1 | 5 | 19.17 | 19.33 | 19.33 | | |
| 1.4 | 16QAM | 3 | 0 | 19.28 | 19.48 | 19.44 | | |
| 1.4 | 16QAM | 3 | 1 | 19.43 | 19.42 | 19.42 | | |
| 1.4 | 16QAM | 3 | 3 | 19.29 | 19.27 | 19.44 | | |
| 1.4 | 16QAM | 6 | 0 | 19.20 | 19.38 | 19.28 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.34 | 19.48 | 19.38 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.27 | 19.44 | 19.26 | | |
| 1.4 | 64QAM | 1 | 5 | 19.30 | 19.35 | 19.28 | | |
| 1.4 | 64QAM | 3 | 0 | 19.38 | 19.45 | 19.41 | | |
| 1.4 | 64QAM | 3 | 1 | 19.32 | 19.39 | 19.28 | | |
| 1.4 | 64QAM | 3 | 3 | 19.27 | 19.30 | 19.27 | | |
| 1.4 | 64QAM | 6 | 0 | 19.44 | 19.44 | 19.33 | 21 | 0 |
| 1.4 | 256QAM | 1 | 0 | 17.35 | 17.42 | 17.37 | 19 | 2 |
| 1.4 | 256QAM | 1 | 3 | 17.34 | 17.35 | 17.23 | | |
| 1.4 | 256QAM | 1 | 5 | 17.50 | 17.37 | 17.23 | | |
| 1.4 | 256QAM | 3 | 0 | 17.17 | 17.23 | 17.19 | | |
| 1.4 | 256QAM | 3 | 1 | 17.28 | 17.29 | 17.06 | | |
| 1.4 | 256QAM | 3 | 3 | 17.35 | 17.36 | 17.25 | | |
| 1.4 | 256QAM | 6 | 0 | 17.31 | 17.22 | 17.04 | 19 | 2 |

## Band 38_Ant 1(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 | 19.99 | 20.19 | 19.93 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.91 | 19.81 | | |
| 20 | QPSK | 1 | 99 | 19.91 | 19.93 | 19.82 | | |
| 20 | QPSK | 50 | 0 | 19.76 | 20.11 | 19.77 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.53 | 19.72 | 19.56 | | |
| 20 | QPSK | 50 | 50 | 19.61 | 19.65 | 19.60 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.08 | 20.05 | | |
| 20 | 16QAM | 1 | 0 | 20.06 | 20.09 | 20.06 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.98 | 20.09 | 20.00 | | |
| 20 | 16QAM | 1 | 99 | 19.94 | 20.07 | 20.04 | | |
| 20 | 16QAM | 50 | 0 | 19.56 | 19.66 | 19.66 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.65 | 19.75 | 19.73 | | |
| 20 | 16QAM | 50 | 50 | 19.72 | 19.77 | 19.70 | | |
| 20 | 16QAM | 100 | 0 | 19.56 | 19.63 | 19.61 | | |
| 20 | 64QAM | 1 | 0 | 19.81 | 19.77 | 19.74 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.85 | 19.87 | 19.87 | | |
| 20 | 64QAM | 1 | 99 | 19.78 | 19.85 | 19.85 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.74 | 20.03 | 19.69 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.63 | 19.79 | 19.59 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.80 | 19.64 | | |
| 15 | QPSK | 36 | 0 | 19.52 | 19.86 | 19.63 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.51 | 19.64 | | |
| 15 | QPSK | 36 | 39 | 19.67 | 19.67 | 19.55 | | |
| 15 | QPSK | 75 | 0 | 19.89 | 19.97 | 19.90 | | |
| 15 | 16QAM | 1 | 0 | 19.82 | 19.94 | 19.94 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.86 | 19.92 | 19.76 | | |
| 15 | 16QAM | 1 | 74 | 19.71 | 19.84 | 19.92 | | |
| 15 | 16QAM | 36 | 0 | 19.53 | 19.51 | 19.66 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.67 | 19.52 | 19.60 | | |
| 15 | 16QAM | 36 | 39 | 19.67 | 19.54 | 19.64 | | |
| 15 | 16QAM | 75 | 0 | 19.56 | 19.60 | 19.62 | | |
| 15 | 64QAM | 1 | 0 | 19.74 | 19.75 | 19.70 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.76 | 19.88 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 19.74 | 19.76 | 19.82 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.88 | 20.00 | 19.69 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.68 | 19.68 | 19.67 | | |
| 10 | QPSK | 1 | 49 | 19.78 | 19.78 | 19.68 | | |
| 10 | QPSK | 25 | 0 | 19.65 | 19.90 | 19.62 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.57 | 19.52 | 19.56 | | |
| 10 | QPSK | 25 | 25 | 19.61 | 19.64 | 19.66 | | |
| 10 | QPSK | 50 | 0 | 19.86 | 19.93 | 19.91 | | |
| 10 | 16QAM | 1 | 0 | 19.85 | 19.88 | 19.94 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.76 | 19.94 | 19.87 | | |
| 10 | 16QAM | 1 | 49 | 19.76 | 19.93 | 19.85 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.51 | 19.63 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.51 | 19.64 | 19.55 | | |
| 10 | 16QAM | 25 | 25 | 19.77 | 19.59 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.58 | 19.62 | 19.57 | | |
| 10 | 64QAM | 1 | 0 | 19.77 | 19.70 | 19.69 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.82 | 19.81 | 19.88 | | |
| 10 | 64QAM | 1 | 49 | 19.72 | 19.84 | 19.81 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.77 | 20.00 | 19.74 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.66 | 19.74 | 19.60 | | |
| 5 | QPSK | 1 | 24 | 19.68 | 19.68 | 19.61 | | |
| 5 | QPSK | 12 | 0 | 19.65 | 19.98 | 19.63 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.58 | 19.60 | 19.57 | | |
| 5 | QPSK | 12 | 13 | 19.60 | 19.68 | 19.61 | | |
| 5 | QPSK | 25 | 0 | 19.83 | 19.95 | 19.83 | | |
| 5 | 16QAM | 1 | 0 | 19.91 | 19.93 | 19.91 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.84 | 19.91 | 19.89 | | |
| 5 | 16QAM | 1 | 24 | 19.83 | 19.90 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.57 | 19.51 | 19.54 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.66 | 19.54 | 19.60 | | |
| 5 | 16QAM | 12 | 13 | 19.77 | 19.59 | 19.65 | | |
| 5 | 16QAM | 25 | 0 | 19.56 | 19.62 | 19.61 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.71 | 19.66 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.81 | 19.90 | 19.89 | | |
| 5 | 64QAM | 1 | 24 | 19.75 | 19.86 | 19.77 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 21.78 | 21.85 | 21.78 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 21.65 | 21.68 | 21.68 | | |
| 20 | QPSK | 1 | 99 | 21.69 | 21.80 | 21.64 | | |
| 20 | QPSK | 50 | 0 | 21.67 | 21.83 | 21.67 | 23 | 0 |
| 20 | QPSK | 50 | 24 | 21.60 | 21.61 | 21.65 | | |
| 20 | QPSK | 50 | 50 | 21.59 | 21.64 | 21.62 | | |
| 20 | QPSK | 100 | 0 | 21.71 | 21.77 | 21.71 | | |
| 20 | 16QAM | 1 | 0 | 21.57 | 21.68 | 21.65 | 23 | 0 |
| 20 | 16QAM | 1 | 49 | 21.67 | 21.60 | 21.56 | | |
| 20 | 16QAM | 1 | 99 | 21.63 | 21.65 | 21.66 | | |
| 20 | 16QAM | 50 | 0 | 20.87 | 20.74 | 20.75 | 22 | 1 |
| 20 | 16QAM | 50 | 24 | 20.92 | 20.75 | 20.93 | | |
| 20 | 16QAM | 50 | 50 | 20.91 | 20.85 | 20.79 | | |
| 20 | 16QAM | 100 | 0 | 20.87 | 20.80 | 20.91 | | |
| 20 | 64QAM | 1 | 0 | 20.72 | 20.64 | 20.70 | 22 | 1 |
| 20 | 64QAM | 1 | 49 | 20.80 | 20.90 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.77 | 20.66 | 20.74 | | |
| 20 | 64QAM | 50 | 0 | 19.91 | 19.76 | 19.70 | 21 | 2 |
| 20 | 64QAM | 50 | 24 | 19.95 | 19.91 | 19.86 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 19.83 | 19.79 | | |
| 20 | 64QAM | 100 | 0 | 19.93 | 19.79 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.58 | 17.66 | 17.81 | 19 | 4 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.69 | 17.82 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.63 | 17.60 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.70 | 17.68 | 19 | 4 |
| 20 | 256QAM | 50 | 24 | 17.74 | 17.69 | 17.67 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.67 | 17.69 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.65 | 17.66 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 21.66 | 21.61 | 21.56 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 21.51 | 21.46 | 21.48 | | |
| 15 | QPSK | 1 | 74 | 21.57 | 21.55 | 21.52 | | |
| 15 | QPSK | 36 | 0 | 21.53 | 21.65 | 21.43 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.40 | 21.42 | 21.43 | | |
| 15 | QPSK | 36 | 39 | 21.40 | 21.53 | 21.47 | | |
| 15 | QPSK | 75 | 0 | 21.49 | 21.65 | 21.57 | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.49 | 21.41 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 21.53 | 21.36 | 21.34 | | |
| 15 | 16QAM | 1 | 74 | 21.40 | 21.46 | 21.55 | | |
| 15 | 16QAM | 36 | 0 | 20.79 | 20.70 | 20.71 | 22 | 1 |
| 15 | 16QAM | 36 | 20 | 20.90 | 20.73 | 20.85 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.84 | 20.84 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.72 | 20.89 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.58 | 20.69 | 22 | 1 |
| 15 | 64QAM | 1 | 37 | 20.82 | 20.85 | 20.79 | | |
| 15 | 64QAM | 1 | 74 | 20.79 | 20.66 | 20.65 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.75 | 19.69 | 21 | 2 |
| 15 | 64QAM | 36 | 20 | 19.85 | 19.82 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.85 | 19.84 | 19.79 | | |
| 15 | 64QAM | 75 | 0 | 19.95 | 19.75 | 19.81 | | |
| 15 | 256QAM | 1 | 0 | 17.56 | 17.61 | 17.80 | 19 | 4 |
| 15 | 256QAM | 1 | 37 | 17.74 | 17.59 | 17.72 | | |
| 15 | 256QAM | 1 | 74 | 17.45 | 17.64 | 17.59 | | |
| 15 | 256QAM | 36 | 0 | 17.70 | 17.60 | 17.64 | 19 | 4 |
| 15 | 256QAM | 36 | 20 | 17.65 | 17.74 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.54 | 17.70 | 17.72 | | |
| 15 | 256QAM | 75 | 0 | 17.55 | 17.64 | 17.69 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 21.61 | 21.71 | 21.65 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 21.52 | 21.53 | 21.44 | | |
| 10 | QPSK | 1 | 49 | 21.45 | 21.56 | 21.53 | | |
| 10 | QPSK | 25 | 0 | 21.45 | 21.63 | 21.47 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.41 | 21.41 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.48 | 21.53 | 21.43 | | |
| 10 | QPSK | 50 | 0 | 21.47 | 21.60 | 21.49 | | |
| 10 | 16QAM | 1 | 0 | 21.32 | 21.49 | 21.44 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 21.43 | 21.37 | 21.34 | | |
| 10 | 16QAM | 1 | 49 | 21.45 | 21.40 | 21.51 | | |
| 10 | 16QAM | 25 | 0 | 20.84 | 20.75 | 20.79 | 22 | 1 |
| 10 | 16QAM | 25 | 12 | 20.96 | 20.72 | 20.88 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.76 | 20.73 | | |
| 10 | 16QAM | 50 | 0 | 20.85 | 20.81 | 20.83 | | |
| 10 | 64QAM | 1 | 0 | 20.84 | 20.69 | 20.69 | 22 | 1 |
| 10 | 64QAM | 1 | 25 | 20.80 | 20.83 | 20.79 | | |
| 10 | 64QAM | 1 | 49 | 20.78 | 20.56 | 20.69 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.81 | 19.62 | 21 | 2 |
| 10 | 64QAM | 25 | 12 | 19.92 | 19.84 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.82 | 19.70 | | |
| 10 | 64QAM | 50 | 0 | 19.83 | 19.70 | 19.82 | | |
| 10 | 256QAM | 1 | 0 | 17.56 | 17.71 | 17.73 | 19 | 4 |
| 10 | 256QAM | 1 | 25 | 17.78 | 17.66 | 17.73 | | |
| 10 | 256QAM | 1 | 49 | 17.47 | 17.57 | 17.57 | | |
| 10 | 256QAM | 25 | 0 | 17.78 | 17.75 | 17.65 | 19 | 4 |
| 10 | 256QAM | 25 | 12 | 17.70 | 17.61 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.59 | 17.66 | 17.59 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.60 | 17.62 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 21.65 | 21.67 | 21.57 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 21.43 | 21.51 | 21.46 | | |
| 5 | QPSK | 1 | 24 | 21.55 | 21.64 | 21.46 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.63 | 21.42 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.39 | 21.36 | 21.40 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.48 | 21.46 | | |
| 5 | QPSK | 25 | 0 | 21.60 | 21.59 | 21.54 | | |
| 5 | 16QAM | 1 | 0 | 21.32 | 21.51 | 21.45 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 21.44 | 21.41 | 21.44 | | |
| 5 | 16QAM | 1 | 24 | 21.47 | 21.44 | 21.51 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.68 | 20.70 | 22 | 1 |
| 5 | 16QAM | 12 | 7 | 20.84 | 20.74 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.82 | 20.84 | 20.69 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.74 | 20.82 | | |
| 5 | 64QAM | 1 | 0 | 20.64 | 20.60 | 20.66 | 22 | 1 |
| 5 | 64QAM | 1 | 12 | 20.77 | 20.93 | 20.75 | | |
| 5 | 64QAM | 1 | 24 | 20.71 | 20.70 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 19.80 | 19.64 | 21 | 2 |
| 5 | 64QAM | 12 | 7 | 19.99 | 19.88 | 19.90 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.74 | 19.82 | | |
| 5 | 64QAM | 25 | 0 | 19.96 | 19.83 | 19.81 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.70 | 17.72 | 19 | 4 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.61 | 17.78 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.68 | 17.63 | | |
| 5 | 256QAM | 12 | 0 | 17.76 | 17.67 | 17.67 | 19 | 4 |
| 5 | 256QAM | 12 | 7 | 17.77 | 17.66 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.59 | 17.62 | 17.59 | | |
| 5 | 256QAM | 25 | 0 | 17.54 | 17.56 | 17.62 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 20.47 | 20.47 | 20.52 | 20.45 | 19.99 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.29 | 20.32 | 20.32 | 19.83 | | |
| 20 | QPSK | 1 | 99 | 20.36 | 20.34 | 20.35 | 20.38 | 19.87 | | |
| 20 | QPSK | 50 | 0 | 20.46 | 20.35 | 20.49 | 20.41 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.29 | 20.25 | 20.28 | 20.39 | 19.89 | | |
| 20 | QPSK | 50 | 50 | 20.31 | 20.32 | 20.38 | 20.37 | 19.82 | | |
| 20 | QPSK | 100 | 0 | 20.30 | 20.31 | 20.33 | 20.25 | 19.86 | | |
| 20 | 16QAM | 1 | 0 | 20.31 | 20.24 | 20.37 | 20.45 | 19.79 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.34 | 20.36 | 20.42 | 19.85 | | |
| 20 | 16QAM | 1 | 99 | 20.30 | 20.25 | 20.33 | 20.44 | 19.88 | | |
| 20 | 16QAM | 50 | 0 | 20.39 | 20.38 | 20.41 | 20.26 | 20.09 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.34 | 20.32 | 20.39 | 20.19 | 20.00 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.39 | 20.40 | 20.15 | 20.05 | | |
| 20 | 16QAM | 100 | 0 | 20.28 | 20.30 | 20.33 | 20.19 | 20.02 | | |
| 20 | 64QAM | 1 | 0 | 20.51 | 20.50 | 20.48 | 20.12 | 20.08 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.42 | 20.11 | 19.94 | | |
| 20 | 64QAM | 1 | 99 | 20.47 | 20.51 | 20.44 | 20.09 | 20.03 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.33 | 20.26 | 20.27 | 20.33 | 19.92 | 21.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.09 | 20.09 | 20.13 | 20.26 | 19.67 | | |
| 15 | QPSK | 1 | 74 | 20.16 | 20.10 | 20.15 | 20.29 | 19.67 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.17 | 20.25 | 20.24 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.04 | 20.08 | 20.15 | 20.28 | 19.82 | | |
| 15 | QPSK | 36 | 39 | 20.10 | 20.18 | 20.17 | 20.23 | 19.71 | | |
| 15 | QPSK | 75 | 0 | 20.14 | 20.13 | 20.19 | 20.13 | 19.82 | | |
| 15 | 16QAM | 1 | 0 | 20.17 | 20.07 | 20.24 | 20.39 | 19.70 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.18 | 20.13 | 20.17 | 20.35 | 19.84 | | |
| 15 | 16QAM | 1 | 74 | 20.18 | 20.00 | 20.11 | 20.35 | 19.68 | | |
| 15 | 16QAM | 36 | 0 | 20.15 | 20.20 | 20.18 | 20.11 | 20.05 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.20 | 20.14 | 20.27 | 20.10 | 19.97 | | |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.20 | 20.44 | 20.15 | 19.92 | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.28 | 20.24 | 20.13 | 19.90 | | |
| 15 | 64QAM | 1 | 0 | 20.46 | 20.51 | 20.50 | 19.94 | 19.98 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.52 | 20.41 | 20.46 | 19.97 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 20.50 | 20.42 | 20.44 | 20.04 | 19.88 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.67 | 17.58 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.31 | 20.32 | 20.28 | 20.39 | 19.94 | 21.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.15 | 20.11 | 20.12 | 20.14 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 20.19 | 20.12 | 20.22 | 20.36 | 19.72 | | |
| 10 | QPSK | 25 | 0 | 20.23 | 20.16 | 20.33 | 20.25 | 19.81 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.11 | 20.13 | 20.16 | 20.25 | 19.73 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.20 | 20.25 | 20.34 | 19.74 | | |
| 10 | QPSK | 50 | 0 | 20.13 | 20.11 | 20.18 | 20.09 | 19.85 | | |
| 10 | 16QAM | 1 | 0 | 20.10 | 20.07 | 20.24 | 20.37 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.12 | 20.13 | 20.18 | 20.35 | 19.77 | | |
| 10 | 16QAM | 1 | 49 | 20.15 | 20.07 | 20.10 | 20.31 | 19.79 | | |
| 10 | 16QAM | 25 | 0 | 20.21 | 20.26 | 20.16 | 20.21 | 20.08 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.15 | 20.21 | 20.20 | 20.00 | 19.97 | | |
| 10 | 16QAM | 25 | 25 | 20.27 | 20.22 | 20.33 | 19.99 | 20.03 | | |
| 10 | 16QAM | 50 | 0 | 20.29 | 20.31 | 20.24 | 20.02 | 20.01 | | |
| 10 | 64QAM | 1 | 0 | 20.42 | 20.44 | 20.42 | 19.93 | 20.01 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.47 | 20.41 | 20.43 | 20.08 | 19.85 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.46 | 19.93 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.30 | 20.25 | 20.29 | 20.29 | 19.87 | 21.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.18 | 20.18 | 20.10 | 20.12 | 19.79 | | |
| 5 | QPSK | 1 | 24 | 20.21 | 20.12 | 20.17 | 20.20 | 19.78 | | |
| 5 | QPSK | 12 | 0 | 20.33 | 20.13 | 20.24 | 20.26 | 19.88 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.10 | 20.05 | 20.05 | 20.30 | 19.73 | | |
| 5 | QPSK | 12 | 13 | 20.17 | 20.07 | 20.21 | 20.27 | 19.75 | | |
| 5 | QPSK | 25 | 0 | 20.09 | 20.08 | 20.22 | 20.23 | 19.75 | | |
| 5 | 16QAM | 1 | 0 | 20.20 | 20.04 | 20.23 | 20.26 | 19.72 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.12 | 20.24 | 20.22 | 19.78 | | |
| 5 | 16QAM | 1 | 24 | 20.14 | 20.04 | 20.14 | 20.34 | 19.80 | | |
| 5 | 16QAM | 12 | 0 | 20.14 | 20.23 | 20.27 | 20.14 | 20.01 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.22 | 20.13 | 20.28 | 20.08 | 19.84 | | |
| 5 | 16QAM | 12 | 13 | 20.36 | 20.25 | 20.44 | 19.98 | 19.92 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.34 | 20.34 | 20.00 | 19.91 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.46 | 20.50 | 19.97 | 19.94 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.46 | 20.48 | 19.91 | 19.74 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.45 | 20.46 | 19.96 | 19.91 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 22.40 | 22.42 | 22.52 | 22.38 | 22.33 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 22.21 | 22.37 | 22.12 | 22.25 | 22.16 | | |
| 20 | QPSK | 1 | 99 | 22.23 | 22.37 | 22.14 | 22.26 | 22.05 | | |
| 20 | QPSK | 50 | 0 | 22.24 | 22.45 | 22.46 | 22.28 | 22.31 | 23 | 0 |
| 20 | QPSK | 50 | 24 | 22.06 | 22.31 | 22.25 | 22.20 | 22.27 | | |
| 20 | QPSK | 50 | 50 | 22.08 | 22.20 | 22.27 | 22.26 | 22.11 | | |
| 20 | QPSK | 100 | 0 | 22.23 | 22.41 | 22.44 | 22.43 | 22.44 | | |
| 20 | 16QAM | 1 | 0 | 22.26 | 22.41 | 22.44 | 22.46 | 22.42 | 23 | 0 |
| 20 | 16QAM | 1 | 49 | 22.39 | 22.47 | 22.46 | 22.45 | 22.36 | | |
| 20 | 16QAM | 1 | 99 | 22.35 | 22.41 | 22.41 | 22.50 | 22.49 | | |
| 20 | 16QAM | 50 | 0 | 21.22 | 21.46 | 21.50 | 21.43 | 21.40 | 22 | 1 |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.42 | 21.53 | 21.38 | 21.35 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.44 | 21.37 | 21.45 | 21.39 | | |
| 20 | 16QAM | 100 | 0 | 21.03 | 21.52 | 21.44 | 21.35 | 21.40 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.20 | 21.46 | 21.33 | 21.44 | 22 | 1 |
| 20 | 64QAM | 1 | 49 | 21.12 | 21.13 | 21.32 | 21.38 | 21.23 | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.35 | 21.35 | 21.37 | 21.38 | | |
| 20 | 64QAM | 50 | 0 | 20.28 | 20.43 | 20.48 | 20.42 | 20.37 | 21 | 2 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.41 | 20.46 | 20.40 | 20.43 | | |
| 20 | 64QAM | 50 | 50 | 20.18 | 20.42 | 20.39 | 20.47 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.21 | 20.56 | 20.45 | 20.44 | 20.43 | | |
| 20 | 256QAM | 1 | 0 | 17.94 | 17.81 | 18.11 | 17.89 | 18.11 | 19 | 4 |
| 20 | 256QAM | 1 | 49 | 17.84 | 17.91 | 18.10 | 17.81 | 18.09 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.94 | 18.28 | 17.95 | 17.94 | | |
| 20 | 256QAM | 50 | 0 | 17.83 | 17.89 | 18.07 | 17.97 | 18.22 | 19 | 4 |
| 20 | 256QAM | 50 | 24 | 18.00 | 17.99 | 18.11 | 17.90 | 18.09 | | |
| 20 | 256QAM | 50 | 50 | 17.90 | 17.92 | 18.20 | 17.95 | 18.12 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.91 | 18.36 | 18.03 | 18.07 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.34 | 22.39 | 22.46 | 22.16 | 22.26 | 23.0 | 0 |
| 15 | QPSK | 1 | 37 | 22.09 | 22.34 | 22.02 | 22.20 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.35 | 22.09 | 22.20 | 22.03 | | |
| 15 | QPSK | 36 | 0 | 22.14 | 22.43 | 22.36 | 22.26 | 22.22 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 21.96 | 22.19 | 22.19 | 22.17 | 22.21 | | |
| 15 | QPSK | 36 | 39 | 22.00 | 22.15 | 22.15 | 22.23 | 22.08 | | |
| 15 | QPSK | 75 | 0 | 22.13 | 22.29 | 22.40 | 22.39 | 22.34 | | |
| 15 | 16QAM | 1 | 0 | 22.14 | 22.31 | 22.37 | 22.39 | 22.30 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 22.37 | 22.36 | 22.42 | 22.37 | 22.31 | | |
| 15 | 16QAM | 1 | 74 | 22.30 | 22.30 | 22.29 | 22.45 | 22.46 | | |
| 15 | 16QAM | 36 | 0 | 21.15 | 21.44 | 21.40 | 21.36 | 21.29 | 22 | 1 |
| 15 | 16QAM | 36 | 20 | 21.19 | 21.32 | 21.43 | 21.34 | 21.29 | | |
| 15 | 16QAM | 36 | 39 | 21.11 | 21.34 | 21.29 | 21.40 | 21.35 | | |
| 15 | 16QAM | 75 | 0 | 21.01 | 21.50 | 21.37 | 21.33 | 21.38 | | |
| 15 | 64QAM | 1 | 0 | 20.90 | 21.08 | 21.44 | 21.21 | 21.34 | 22 | 1 |
| 15 | 64QAM | 1 | 37 | 21.05 | 21.10 | 21.30 | 21.33 | 21.16 | | |
| 15 | 64QAM | 1 | 74 | 21.12 | 21.29 | 21.33 | 21.33 | 21.36 | | |
| 15 | 64QAM | 36 | 0 | 20.26 | 20.34 | 20.37 | 20.38 | 20.27 | 21 | 2 |
| 15 | 64QAM | 36 | 20 | 20.04 | 20.33 | 20.38 | 20.31 | 20.35 | | |
| 15 | 64QAM | 36 | 39 | 20.07 | 20.36 | 20.36 | 20.39 | 20.27 | | |
| 15 | 64QAM | 75 | 0 | 20.12 | 20.53 | 20.40 | 20.42 | 20.41 | | |
| 15 | 256QAM | 1 | 0 | 17.85 | 17.77 | 18.00 | 17.82 | 18.08 | 19 | 4 |
| 15 | 256QAM | 1 | 37 | 17.79 | 17.89 | 17.99 | 17.76 | 17.97 | | |
| 15 | 256QAM | 1 | 74 | 17.74 | 17.82 | 18.23 | 17.85 | 17.83 | | |
| 15 | 256QAM | 36 | 0 | 17.80 | 17.84 | 18.00 | 17.94 | 18.20 | 19 | 4 |
| 15 | 256QAM | 36 | 20 | 17.95 | 17.93 | 18.06 | 17.85 | 18.01 | | |
| 15 | 256QAM | 36 | 39 | 17.86 | 17.84 | 18.16 | 17.93 | 18.07 | | |
| 15 | 256QAM | 75 | 0 | 17.80 | 17.85 | 18.30 | 17.97 | 18.01 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.35 | 22.39 | 22.49 | 22.26 | 22.23 | 23.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.09 | 22.34 | 22.08 | 22.15 | 22.14 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.31 | 22.02 | 22.23 | 21.99 | | |
| 10 | QPSK | 25 | 0 | 22.18 | 22.42 | 22.43 | 22.24 | 22.25 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 21.94 | 22.23 | 22.22 | 22.14 | 22.24 | | |
| 10 | QPSK | 25 | 25 | 21.99 | 22.15 | 22.18 | 22.22 | 22.00 | | |
| 10 | QPSK | 50 | 0 | 22.13 | 22.31 | 22.40 | 22.41 | 22.40 | | |
| 10 | 16QAM | 1 | 0 | 22.20 | 22.35 | 22.39 | 22.34 | 22.40 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.37 | 22.40 | 22.38 | 22.34 | 22.31 | | |
| 10 | 16QAM | 1 | 49 | 22.23 | 22.38 | 22.30 | 22.40 | 22.47 | | |
| 10 | 16QAM | 25 | 0 | 21.16 | 21.43 | 21.43 | 21.41 | 21.32 | 22 | 1 |
| 10 | 16QAM | 25 | 12 | 21.24 | 21.30 | 21.45 | 21.27 | 21.31 | | |
| 10 | 16QAM | 25 | 25 | 21.11 | 21.33 | 21.34 | 21.37 | 21.35 | | |
| 10 | 16QAM | 50 | 0 | 20.91 | 21.46 | 21.35 | 21.26 | 21.32 | | |
| 10 | 64QAM | 1 | 0 | 20.98 | 21.09 | 21.43 | 21.28 | 21.32 | 22 | 1 |
| 10 | 64QAM | 1 | 25 | 21.08 | 21.04 | 21.28 | 21.29 | 21.17 | | |
| 10 | 64QAM | 1 | 49 | 21.11 | 21.25 | 21.28 | 21.33 | 21.29 | | |
| 10 | 64QAM | 25 | 0 | 20.21 | 20.37 | 20.42 | 20.39 | 20.29 | 21 | 2 |
| 10 | 64QAM | 25 | 12 | 20.06 | 20.33 | 20.36 | 20.30 | 20.31 | | |
| 10 | 64QAM | 25 | 25 | 20.12 | 20.37 | 20.34 | 20.45 | 20.22 | | |
| 10 | 64QAM | 50 | 0 | 20.15 | 20.46 | 20.43 | 20.37 | 20.35 | | |
| 10 | 256QAM | 1 | 0 | 17.87 | 17.76 | 18.06 | 17.82 | 18.04 | 19 | 4 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.85 | 18.00 | 17.73 | 18.01 | | |
| 10 | 256QAM | 1 | 49 | 17.77 | 17.92 | 18.19 | 17.85 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.77 | 17.87 | 17.95 | 17.92 | 18.19 | 19 | 4 |
| 10 | 256QAM | 25 | 12 | 17.97 | 17.95 | 17.99 | 17.78 | 17.99 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.89 | 18.13 | 17.83 | 18.01 | | |
| 10 | 256QAM | 50 | 0 | 17.80 | 17.85 | 18.34 | 17.95 | 17.99 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.28 | 22.33 | 22.49 | 22.18 | 22.26 | 23.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.09 | 22.32 | 22.06 | 22.23 | 22.11 | | |
| 5 | QPSK | 1 | 24 | 22.15 | 22.25 | 22.11 | 22.15 | 21.97 | | |
| 5 | QPSK | 12 | 0 | 22.18 | 22.43 | 22.41 | 22.22 | 22.24 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 21.95 | 22.20 | 22.17 | 22.08 | 22.20 | | |
| 5 | QPSK | 12 | 13 | 21.99 | 22.08 | 22.23 | 22.14 | 22.04 | | |
| 5 | QPSK | 25 | 0 | 22.20 | 22.30 | 22.32 | 22.38 | 22.41 | | |
| 5 | 16QAM | 1 | 0 | 22.18 | 22.35 | 22.37 | 22.40 | 22.39 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.36 | 22.37 | 22.38 | 22.39 | 22.29 | | |
| 5 | 16QAM | 1 | 24 | 22.30 | 22.36 | 22.29 | 22.43 | 22.40 | | |
| 5 | 16QAM | 12 | 0 | 21.15 | 21.37 | 21.41 | 21.39 | 21.31 | 22 | 1 |
| 5 | 16QAM | 12 | 7 | 21.28 | 21.30 | 21.50 | 21.28 | 21.28 | | |
| 5 | 16QAM | 12 | 13 | 21.13 | 21.37 | 21.32 | 21.40 | 21.32 | | |
| 5 | 16QAM | 25 | 0 | 20.96 | 21.48 | 21.35 | 21.30 | 21.30 | | |
| 5 | 64QAM | 1 | 0 | 20.99 | 21.17 | 21.41 | 21.30 | 21.36 | 22 | 1 |
| 5 | 64QAM | 1 | 12 | 21.02 | 21.04 | 21.25 | 21.32 | 21.17 | | |
| 5 | 64QAM | 1 | 24 | 21.14 | 21.24 | 21.23 | 21.31 | 21.30 | | |
| 5 | 64QAM | 12 | 0 | 20.18 | 20.38 | 20.37 | 20.32 | 20.30 | 21 | 2 |
| 5 | 64QAM | 12 | 7 | 20.09 | 20.38 | 20.37 | 20.32 | 20.33 | | |
| 5 | 64QAM | 12 | 13 | 20.13 | 20.32 | 20.29 | 20.37 | 20.26 | | |
| 5 | 64QAM | 25 | 0 | 20.10 | 20.51 | 20.33 | 20.33 | 20.33 | | |
| 5 | 256QAM | 1 | 0 | 17.86 | 17.78 | 18.05 | 17.77 | 18.09 | 19 | 4 |
| 5 | 256QAM | 1 | 12 | 17.79 | 17.87 | 18.04 | 17.71 | 18.04 | | |
| 5 | 256QAM | 1 | 24 | 17.77 | 17.84 | 18.17 | 17.87 | 17.82 | | |
| 5 | 256QAM | 12 | 0 | 17.75 | 17.83 | 18.05 | 17.92 | 18.20 | 19 | 4 |
| 5 | 256QAM | 12 | 7 | 17.97 | 17.92 | 18.09 | 17.85 | 18.02 | | |
| 5 | 256QAM | 12 | 13 | 17.78 | 17.90 | 18.15 | 17.84 | 18.07 | | |
| 5 | 256QAM | 25 | 0 | 17.82 | 17.89 | 18.26 | 17.95 | 18.01 | | |

## Band 42_Ant 5

| 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 | 19.41 | 19.44 | 19.39 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 19.24 | 19.17 | 19.30 | | |
| 20 | QPSK | 1 | 99 | 19.27 | 19.41 | 19.27 | | |
| 20 | QPSK | 50 | 0 | 19.40 | 19.42 | 19.36 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 19.35 | 19.29 | 19.16 | | |
| 20 | QPSK | 50 | 50 | 19.21 | 19.22 | 19.30 | | |
| 20 | QPSK | 100 | 0 | 19.31 | 19.39 | 19.38 | | |
| 20 | 16QAM | 1 | 0 | 19.39 | 19.43 | 19.36 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 19.41 | 19.42 | 19.40 | | |
| 20 | 16QAM | 1 | 99 | 19.38 | 19.40 | 19.39 | | |
| 20 | 16QAM | 50 | 0 | 19.36 | 19.40 | 19.20 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.33 | 19.40 | 19.20 | | |
| 20 | 16QAM | 50 | 50 | 19.42 | 19.42 | 19.41 | | |
| 20 | 16QAM | 100 | 0 | 19.29 | 19.32 | 19.30 | | |
| 20 | 64QAM | 1 | 0 | 19.15 | 19.35 | 19.15 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 19.26 | 19.26 | 19.23 | | |
| 20 | 64QAM | 1 | 99 | 19.24 | 19.28 | 19.23 | | |
| 20 | 64QAM | 50 | 0 | 19.33 | 19.42 | 19.35 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.43 | 19.26 | 19.34 | | |
| 20 | 64QAM | 50 | 50 | 19.24 | 19.26 | 19.32 | | |
| 20 | 64QAM | 100 | 0 | 19.26 | 19.20 | 19.36 | | |
| 20 | 256QAM | 1 | 0 | 17.34 | 17.25 | 17.25 | 19 | 2 |
| 20 | 256QAM | 1 | 49 | 17.31 | 17.31 | 17.24 | | |
| 20 | 256QAM | 1 | 99 | 17.42 | 17.34 | 17.29 | | |
| 20 | 256QAM | 50 | 0 | 17.41 | 17.28 | 17.38 | 19 | 2 |
| 20 | 256QAM | 50 | 24 | 17.20 | 17.26 | 17.41 | | |
| 20 | 256QAM | 50 | 50 | 17.32 | 17.29 | 17.22 | | |
| 20 | 256QAM | 100 | 0 | 17.23 | 17.32 | 17.32 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 19.26 | 19.40 | 19.27 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 19.19 | 19.11 | 19.28 | | |
| 15 | QPSK | 1 | 74 | 19.17 | 19.34 | 19.20 | | |
| 15 | QPSK | 36 | 0 | 19.30 | 19.30 | 19.30 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 19.25 | 19.22 | 19.01 | | |
| 15 | QPSK | 36 | 39 | 19.20 | 19.10 | 19.19 | | |
| 15 | QPSK | 75 | 0 | 19.30 | 19.38 | 19.26 | | |
| 15 | 16QAM | 1 | 0 | 19.37 | 19.37 | 19.25 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 19.39 | 19.37 | 19.31 | | |
| 15 | 16QAM | 1 | 74 | 19.33 | 19.26 | 19.26 | | |
| 15 | 16QAM | 36 | 0 | 19.27 | 19.35 | 19.05 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.32 | 19.25 | 19.14 | | |
| 15 | 16QAM | 36 | 39 | 19.39 | 19.27 | 19.32 | | |
| 15 | 16QAM | 75 | 0 | 19.21 | 19.20 | 19.24 | | |
| 15 | 64QAM | 1 | 0 | 19.04 | 19.34 | 19.08 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.21 | 19.23 | 19.12 | | |
| 15 | 64QAM | 1 | 74 | 19.19 | 19.23 | 19.17 | | |
| 15 | 64QAM | 36 | 0 | 19.27 | 19.41 | 19.34 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.31 | 19.21 | 19.33 | | |
| 15 | 64QAM | 36 | 39 | 19.17 | 19.24 | 19.21 | | |
| 15 | 64QAM | 75 | 0 | 19.14 | 19.14 | 19.21 | | |
| 15 | 256QAM | 1 | 0 | 17.19 | 17.20 | 17.24 | 19 | 2 |
| 15 | 256QAM | 1 | 37 | 17.23 | 17.30 | 17.15 | | |
| 15 | 256QAM | 1 | 74 | 17.29 | 17.33 | 17.20 | | |
| 15 | 256QAM | 36 | 0 | 17.26 | 17.26 | 17.35 | 19 | 2 |
| 15 | 256QAM | 36 | 20 | 17.14 | 17.20 | 17.27 | | |
| 15 | 256QAM | 36 | 39 | 17.27 | 17.15 | 17.18 | | |
| 15 | 256QAM | 75 | 0 | 17.11 | 17.26 | 17.24 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 19.39 | 19.30 | 19.31 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.18 | 19.11 | 19.22 | | |
| 10 | QPSK | 1 | 49 | 19.15 | 19.37 | 19.18 | | |
| 10 | QPSK | 25 | 0 | 19.34 | 19.30 | 19.22 | 21 | 0 |
| 10 | QPSK | 25 | 

# Reduced Power for DSI 7

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 30.60 | 30.74 | 30.54 | 31.00 | 21.60 | 21.74 | 21.54 | 22.00 |
| GPRS 1 Tx slot | 30.73 | 30.84 | 30.60 | 31.00 | 21.73 | 21.84 | 21.60 | 22.00 |
| GPRS 2 Tx slots | 27.30 | 27.47 | 27.41 | 29.00 | 21.30 | 21.47 | 21.41 | 23.00 |
| GPRS 3 Tx slots | 25.52 | 25.56 | 25.35 | 26.50 | 21.26 | 21.30 | 21.09 | 22.24 |
| GPRS 4 Tx slots | 24.30 | 24.11 | 24.00 | 24.50 | 21.30 | 21.11 | 21.00 | 21.50 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 25.24 | 25.20 | 24.91 | 26.00 | 16.24 | 16.20 | 15.91 | 17.00 |
| GPRS 1 Tx slot | 25.29 | 25.24 | 25.00 | 26.00 | 16.29 | 16.24 | 16.00 | 17.00 |
| GPRS 2 Tx slots | 21.96 | 22.10 | 22.01 | 23.50 | 15.96 | 16.10 | 16.01 | 17.50 |
| GPRS 3 Tx slots | 20.19 | 19.86 | 19.93 | 21.50 | 15.93 | 15.60 | 15.67 | 17.24 |
| GPRS 4 Tx slots | 18.66 | 18.37 | 18.24 | 19.50 | 15.66 | 15.37 | 15.24 | 16.50 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.00 | 15.87 | 16.00 | 15.92 | 17.00 |
| EDGE 2 Tx slots | 21.94 | 21.92 | 21.69 | 23.50 | 15.94 | 15.92 | 15.69 | 17.50 |
| EDGE 3 Tx slots | 20.21 | 20.13 | 20.13 | 21.50 | 15.95 | 15.87 | 15.87 | 17.24 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 14.34 | 14.41 | 14.32 | 16.00 | 16.08 | 16.25 | 16.17 | 17.50 | 20.83 | 20.88 | 20.80 | 22.20 |
| 3GPP Rel 99 | RMC 12.2Kbps | 14.47 | 14.64 | 14.55 | 16.00 | 16.24 | 16.26 | 16.08 | 17.50 | 20.86 | 20.91 | 20.82 | 22.20 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 13.47 | 13.50 | 13.55 | 15.00 | 15.23 | 15.35 | 15.25 | 16.50 | 19.90 | 19.96 | 19.86 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 13.49 | 13.52 | 13.58 | 15.00 | 15.25 | 15.42 | 15.31 | 16.50 | 19.92 | 19.95 | 19.87 | 21.20 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 12.96 | 12.96 | 13.02 | 14.50 | 14.66 | 14.88 | 14.57 | 16.00 | 19.42 | 19.45 | 19.35 | 20.70 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 12.95 | 13.07 | 13.16 | 14.50 | 14.66 | 14.88 | 14.92 | 16.00 | 19.44 | 19.47 | 19.33 | 20.70 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 13.60 | 13.54 | 13.66 | 15.00 | 15.15 | 15.30 | 15.43 | 16.50 | 19.92 | 19.96 | 19.87 | 21.20 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 11.56 | 11.63 | 11.69 | 13.00 | 13.17 | 13.46 | 13.42 | 14.50 | 17.89 | 17.93 | 17.86 | 19.20 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 12.56 | 12.54 | 12.73 | 14.00 | 14.22 | 14.37 | 14.41 | 15.50 | 18.95 | 18.91 | 18.87 | 20.20 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 11.55 | 11.57 | 11.66 | 13.00 | 13.23 | 13.42 | 13.44 | 14.50 | 17.92 | 17.94 | 17.91 | 19.20 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 13.55 | 13.54 | 13.77 | 15.00 | 15.19 | 15.44 | 15.43 | 16.50 | 19.90 | 20.00 | 19.90 | 21.20 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 12.19 | 12.27 | 12.23 | 12.50 | 13.68 | 13.85 | 13.73 | 14.00 | 17.97 | 18.00 | 17.89 | 18.70 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 15.00 | 15.10 | 15.05 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 14.89 | 14.96 | 14.91 | | |
| 20 | QPSK | 1 | 99 | 14.86 | 14.92 | 14.95 | | |
| 20 | QPSK | 50 | 0 | 15.00 | 15.08 | 14.98 | 16.5 | 0 |
| 20 | QPSK | 50 | 24 | 14.80 | 14.90 | 14.70 | | |
| 20 | QPSK | 50 | 50 | 14.91 | 14.97 | 14.71 | | |
| 20 | QPSK | 100 | 0 | 14.96 | 15.03 | 14.94 | | |
| 20 | 16QAM | 1 | 0 | 14.88 | 15.05 | 14.78 | 16.5 | 0 |
| 20 | 16QAM | 1 | 49 | 14.92 | 14.99 | 14.74 | | |
| 20 | 16QAM | 1 | 99 | 14.98 | 14.92 | 14.83 | | |
| 20 | 16QAM | 50 | 0 | 14.91 | 14.92 | 14.77 | | |
| 20 | 16QAM | 50 | 24 | 14.85 | 15.05 | 14.88 | | |
| 20 | 16QAM | 50 | 50 | 14.97 | 14.91 | 14.79 | | |
| 20 | 16QAM | 100 | 0 | 14.88 | 14.93 | 14.86 | | |
| 20 | 64QAM | 1 | 0 | 14.97 | 14.92 | 14.88 | 16.5 | 0 |
| 20 | 64QAM | 1 | 49 | 14.88 | 15.02 | 14.83 | | |
| 20 | 64QAM | 1 | 99 | 14.91 | 15.02 | 14.88 | | |
| 20 | 64QAM | 50 | 0 | 14.91 | 14.92 | 14.87 | | |
| 20 | 64QAM | 50 | 24 | 14.85 | 15.00 | 14.84 | | |
| 20 | 64QAM | 50 | 50 | 14.97 | 15.03 | 14.84 | | |
| 20 | 64QAM | 100 | 0 | 14.97 | 14.93 | 14.87 | | |
| 20 | 256QAM | 1 | 0 | 14.88 | 14.92 | 14.78 | 16.5 | 0 |
| 20 | 256QAM | 1 | 49 | 14.90 | 15.01 | 14.82 | | |
| 20 | 256QAM | 1 | 99 | 14.90 | 14.97 | 14.81 | | |
| 20 | 256QAM | 50 | 0 | 14.96 | 14.95 | 14.87 | | |
| 20 | 256QAM | 50 | 24 | 14.99 | 14.96 | 14.83 | | |
| 20 | 256QAM | 50 | 50 | 14.97 | 14.93 | 14.82 | | |
| 20 | 256QAM | 100 | 0 | 14.86 | 14.95 | 14.87 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 14.81 | 14.96 | 14.88 | 16.5 | 0 |
| 15 | QPSK | 1 | 37 | 14.78 | 14.78 | 14.67 | | |
| 15 | QPSK | 1 | 74 | 14.65 | 14.79 | 14.75 | | |
| 15 | QPSK | 36 | 0 | 14.88 | 14.85 | 14.78 | 16.5 | 0 |
| 15 | QPSK | 36 | 20 | 14.66 | 14.74 | 14.55 | | |
| 15 | QPSK | 36 | 39 | 14.75 | 14.84 | 14.55 | | |
| 15 | QPSK | 75 | 0 | 14.73 | 14.88 | 14.63 | | |
| 15 | 16QAM | 1 | 0 | 14.72 | 14.91 | 14.55 | 16.5 | 0 |
| 15 | 16QAM | 1 | 37 | 14.80 | 14.84 | 14.63 | | |
| 15 | 16QAM | 1 | 74 | 14.77 | 14.81 | 14.62 | | |
| 15 | 16QAM | 36 | 0 | 14.69 | 14.67 | 14.57 | 16.5 | 0 |
| 15 | 16QAM | 36 | 20 | 14.69 | 14.82 | 14.74 | | |
| 15 | 16QAM | 36 | 39 | 14.81 | 14.67 | 14.75 | | |
| 15 | 16QAM | 75 | 0 | 14.80 | 14.93 | 14.79 | | |
| 15 | 64QAM | 1 | 0 | 14.96 | 14.91 | 14.86 | 16.5 | 0 |
| 15 | 64QAM | 1 | 37 | 14.86 | 15.01 | 14.78 | | |
| 15 | 64QAM | 1 | 74 | 14.97 | 14.99 | 14.78 | | |
| 15 | 64QAM | 36 | 0 | 14.96 | 14.90 | 14.88 | 16.5 | 0 |
| 15 | 64QAM | 36 | 20 | 14.88 | 14.96 | 14.82 | | |
| 15 | 64QAM | 36 | 39 | 14.93 | 15.01 | 14.83 | | |
| 15 | 64QAM | 75 | 0 | 14.91 | 14.84 | 14.84 | | |
| 15 | 256QAM | 1 | 0 | 14.84 | 14.89 | 14.71 | 16.5 | 0 |
| 15 | 256QAM | 1 | 37 | 14.82 | 14.94 | 14.75 | | |
| 15 | 256QAM | 1 | 74 | 14.87 | 14.91 | 14.79 | | |
| 15 | 256QAM | 36 | 0 | 14.96 | 14.90 | 14.85 | 16.5 | 0 |
| 15 | 256QAM | 36 | 20 | 14.96 | 14.89 | 14.88 | | |
| 15 | 256QAM | 36 | 39 | 14.94 | 14.89 | 14.74 | | |
| 15 | 256QAM | 75 | 0 | 14.89 | 14.94 | 14.84 | | |
| Channel | | | | 18500 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 14.87 | 14.98 | 14.88 | 16.5 | 0 |
| 10 | QPSK | 1 | 25 | 14.96 | 14.79 | 14.73 | | |
| 10 | QPSK | 1 | 49 | 14.68 | 14.70 | 14.78 | | |
| 10 | QPSK | 25 | 0 | 14.81 | 14.93 | 14.70 | 16.5 | 0 |
| 10 | QPSK | 25 | 12 | 14.87 | 14.79 | 14.58 | | |
| 10 | QPSK | 25 | 25 | 14.74 | 14.77 | 14.56 | | |
| 10 | QPSK | 50 | 0 | 14.77 | 14.83 | 14.87 | | |
| 10 | 16QAM | 1 | 0 | 14.77 | 14.92 | 14.82 | 16.5 | 0 |
| 10 | 16QAM | 1 | 25 | 14.68 | 14.85 | 14.82 | | |
| 10 | 16QAM | 1 | 49 | 14.74 | 14.75 | 14.76 | | |
| 10 | 16QAM | 25 | 0 | 14.72 | 14.75 | 14.82 | 16.5 | 0 |
| 10 | 16QAM | 25 | 12 | 14.70 | 14.85 | 14.68 | | |
| 10 | 16QAM | 25 | 25 | 14.96 | 14.70 | 14.75 | | |
| 10 | 16QAM | 50 | 0 | 14.80 | 14.92 | 14.83 | | |
| 10 | 64QAM | 1 | 0 | 14.93 | 14.95 | 14.85 | 16.5 | 0 |
| 10 | 64QAM | 1 | 25 | 14.91 | 14.98 | 14.77 | | |
| 10 | 64QAM | 1 | 49 | 14.95 | 15.01 | 14.80 | | |
| 10 | 64QAM | 25 | 0 | 14.91 | 14.90 | 14.85 | 16.5 | 0 |
| 10 | 64QAM | 25 | 12 | 14.86 | 15.03 | 14.80 | | |
| 10 | 64QAM | 25 | 25 | 14.93 | 14.97 | 14.77 | | |
| 10 | 64QAM | 50 | 0 | 14.90 | 14.98 | 14.80 | | |
| 10 | 256QAM | 1 | 0 | 14.80 | 14.92 | 14.67 | 16.5 | 0 |
| 10 | 256QAM | 1 | 25 | 14.92 | 15.01 | 14.73 | | |
| 10 | 256QAM | 1 | 49 | 14.84 | 14.88 | 14.83 | | |
| 10 | 256QAM | 25 | 0 | 14.87 | 14.94 | 14.86 | 16.5 | 0 |
| 10 | 256QAM | 25 | 12 | 14.93 | 14.87 | 14.81 | | |
| 10 | 256QAM | 25 | 25 | 14.93 | 14.94 | 14.73 | | |
| 10 | 256QAM | 50 | 0 | 14.89 | 14.87 | 14.91 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 14.83 | 14.92 | 14.83 | 16.5 | 0 |
| 5 | QPSK | 1 | 12 | 14.72 | 14.79 | 14.68 | | |
| 5 | QPSK | 1 | 24 | 14.73 | 14.69 | 14.72 | | |
| 5 | QPSK | 12 | 0 | 14.85 | 14.89 | 14.74 | 16.5 | 0 |
| 5 | QPSK | 12 | 7 | 14.61 | 14.79 | 14.73 | | |
| 5 | QPSK | 12 | 13 | 14.70 | 14.74 | 14.58 | | |
| 5 | QPSK | 25 | 0 | 14.71 | 14.87 | 14.72 | | |
| 5 | 16QAM | 1 | 0 | 14.63 | 14.87 | 14.65 | 16.5 | 0 |
| 5 | 16QAM | 1 | 12 | 14.72 | 14.88 | 14.58 | | |
| 5 | 16QAM | 1 | 24 | 14.77 | 14.79 | 14.59 | | |
| 5 | 16QAM | 12 | 0 | 14.69 | 14.73 | 14.57 | 16.5 | 0 |
| 5 | 16QAM | 12 | 7 | 14.70 | 14.90 | 14.70 | | |
| 5 | 16QAM | 12 | 13 | 14.89 | 14.77 | 14.84 | | |
| 5 | 16QAM | 25 | 0 | 14.79 | 14.89 | 14.86 | | |
| 5 | 64QAM | 1 | 0 | 14.97 | 14.97 | 14.84 | 16.5 | 0 |
| 5 | 64QAM | 1 | 12 | 14.81 | 15.06 | 14.86 | | |
| 5 | 64QAM | 1 | 24 | 14.94 | 14.96 | 14.78 | | |
| 5 | 64QAM | 12 | 0 | 14.94 | 14.87 | 14.88 | 16.5 | 0 |
| 5 | 64QAM | 12 | 7 | 14.94 | 15.02 | 14.78 | | |
| 5 | 64QAM | 12 | 13 | 14.91 | 14.95 | 14.83 | | |
| 5 | 64QAM | 25 | 0 | 15.00 | 14.97 | 14.83 | | |
| 5 | 256QAM | 1 | 0 | 14.88 | 14.89 | 14.78 | 16.5 | 0 |
| 5 | 256QAM | 1 | 12 | 14.85 | 15.02 | 14.78 | | |
| 5 | 256QAM | 1 | 24 | 14.92 | 14.98 | 14.82 | | |
| 5 | 256QAM | 12 | 0 | 14.87 | 15.00 | 14.86 | 16.5 | 0 |
| 5 | 256QAM | 12 | 7 | 14.98 | 14.98 | 14.74 | | |
| 5 | 256QAM | 12 | 13 | 15.02 | 14.96 | 14.87 | | |
| 5 | 256QAM | 25 | 0 | 14.82 | 14.95 | 14.85 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 14.78 | 14.92 | 14.92 | 16.5 | 0 |
| 3 | QPSK | 1 | 8 | 14.78 | 14.75 | 14.66 | | |
| 3 | QPSK | 1 | 14 | 14.75 | 14.70 | 14.84 | | |
| 3 | QPSK | 8 | 0 | 14.78 | 14.90 | 14.64 | 16.5 | 0 |
| 3 | QPSK | 8 | 4 | 14.69 | 14.76 | 14.58 | | |
| 3 | QPSK | 8 | 7 | 14.69 | 14.82 | 14.57 | | |
| 3 | QPSK | 15 | 0 | 14.75 | 14.83 | 14.63 | | |
| 3 | 16QAM | 1 | 0 | 14.77 | 14.86 | 14.53 | 16.5 | 0 |
| 3 | 16QAM | 1 | 8 | 14.78 | 14.87 | 14.56 | | |
| 3 | 16QAM | 1 | 14 | 14.80 | 14.76 | 14.65 | | |
| 3 | 16QAM | 8 | 0 | 14.69 | 14.76 | 14.64 | 16.5 | 0 |
| 3 | 16QAM | 8 | 4 | 14.61 | 14.64 | 14.74 | | |
| 3 | 16QAM | 8 | 7 | 14.89 | 14.69 | 14.82 | | |
| 3 | 16QAM | 15 | 0 | 14.90 | 14.90 | 14.87 | | |
| 3 | 64QAM | 1 | 0 | 14.88 | 14.90 | 14.87 | 16.5 | 0 |
| 3 | 64QAM | 1 | 8 | 14.90 | 14.96 | 14.88 | | |
| 3 | 64QAM | 1 | 14 | 14.88 | 15.03 | 14.77 | | |
| 3 | 64QAM | 8 | 0 | 14.84 | 14.85 | 14.88 | 16.5 | 0 |
| 3 | 64QAM | 8 | 4 | 14.86 | 14.94 | 14.83 | | |
| 3 | 64QAM | 8 | 7 | 14.88 | 14.96 | 14.88 | | |
| 3 | 64QAM | 15 | 0 | 15.00 | 14.90 | 14.91 | | |
| 3 | 256QAM | 1 | 0 | 14.79 | 14.86 | 14.71 | 16.5 | 0 |
| 3 | 256QAM | 1 | 8 | 14.84 | 14.94 | 14.77 | | |
| 3 | 256QAM | 1 | 14 | 14.86 | 15.01 | 14.84 | | |
| 3 | 256QAM | 8 | 0 | 14.99 | 14.99 | 14.88 | 16.5 | 0 |
| 3 | 256QAM | 8 | 4 | 14.94 | 14.95 | 14.88 | | |
| 3 | 256QAM | 8 | 7 | 15.02 | 14.86 | 14.78 | | |
| 3 | 256QAM | 15 | 0 | 14.88 | 14.92 | 14.88 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 14.77 | 14.97 | 14.87 | 16.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 14.71 | 14.85 | 14.68 | | |
| 1.4 | QPSK | 1 | 5 | 14.62 | 14.75 | 14.80 | | |
| 1.4 | QPSK | 3 | 0 | 14.83 | 14.85 | 14.75 | | |
| 1.4 | QPSK | 3 | 1 | 14.68 | 14.65 | 14.59 | | |
| 1.4 | QPSK | 3 | 3 | 14.80 | 14.79 | 14.58 | | |
| 1.4 | QPSK | 6 | 0 | 14.77 | 14.83 | 14.73 | 16.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 14.75 | 14.83 | 14.55 | 16.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 14.62 | 14.58 | 14.62 | | |
| 1.4 | 16QAM | 1 | 5 | 14.75 | 14.67 | 14.68 | | |
| 1.4 | 16QAM | 3 | 0 | 14.66 | 14.71 | 14.53 | | |
| 1.4 | 16QAM | 3 | 1 | 14.62 | 14.82 | 14.63 | | |
| 1.4 | 16QAM | 3 | 3 | 14.90 | 14.79 | 14.72 | | |
| 1.4 | 16QAM | 6 | 0 | 14.94 | 14.86 | 14.90 | 16.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 14.89 | 14.89 | 14.85 | 16.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 14.94 | 14.94 | 14.78 | | |
| 1.4 | 64QAM | 1 | 5 | 14.93 | 14.93 | 14.89 | | |
| 1.4 | 64QAM | 3 | 0 | 14.89 | 14.97 | 14.91 | | |
| 1.4 | 64QAM | 3 | 1 | 14.87 | 14.95 | 14.88 | | |
| 1.4 | 64QAM | 3 | 3 | 14.89 | 15.06 | 14.79 | | |
| 1.4 | 64QAM | 6 | 0 | 14.88 | 14.98 | 14.79 | 16.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 14.85 | 14.83 | 14.70 | 16.5 | 0 |
| 1.4 | 256QAM | 1 | 3 | 14.86 | 15.01 | 14.83 | | |
| 1.4 | 256QAM | 1 | 5 | 14.85 | 14.91 | 14.81 | | |
| 1.4 | 256QAM | 3 | 0 | 14.95 | 14.96 | 14.87 | | |
| 1.4 | 256QAM | 3 | 1 | 14.95 | 14.96 | 14.88 | | |
| 1.4 | 256QAM | 3 | 3 | 14.99 | 14.94 | 14.88 | | |
| 1.4 | 256QAM | 6 | 0 | 14.80 | 14.88 | 14.81 | 16.5 | 0 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 15.63 | 15.71 | 15.53 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.54 | 15.59 | 15.33 | | |
| 20 | QPSK | 1 | 99 | 15.53 | 15.53 | 15.38 | | |
| 20 | QPSK | 50 | 0 | 15.62 | 15.67 | 15.51 | 17 | 0 |
| 20 | QPSK | 50 | 24 | 15.52 | 15.61 | 15.41 | | |
| 20 | QPSK | 50 | 50 | 15.56 | 15.57 | 15.44 | | |
| 20 | QPSK | 100 | 0 | 15.55 | 15.64 | 15.49 | | |
| 20 | 16QAM | 1 | 0 | 15.59 | 15.55 | 15.37 | 17 | 0 |
| 20 | 16QAM | 1 | 49 | 15.57 | 15.61 | 15.38 | | |
| 20 | 16QAM | 1 | 99 | 15.57 | 15.61 | 15.41 | | |
| 20 | 16QAM | 50 | 0 | 15.46 | 15.56 | 15.37 | | |
| 20 | 16QAM | 50 | 24 | 15.52 | 15.64 | 15.43 | 17 | 0 |
| 20 | 16QAM | 50 | 50 | 15.52 | 15.51 | 15.43 | | |
| 20 | 16QAM | 100 | 0 | 15.46 | 15.57 | 15.39 | | |
| 20 | 64QAM | 1 | 0 | 15.48 | 15.54 | 15.46 | 17 | 0 |
| 20 | 64QAM | 1 | 49 | 15.46 | 15.62 | 15.44 | | |
| 20 | 64QAM | 1 | 99 | 15.57 | 15.60 | 15.39 | | |
| 20 | 64QAM | 50 | 0 | 15.56 | 15.58 | 15.41 | | |
| 20 | 64QAM | 50 | 24 | 15.58 | 15.59 | 15.45 | 17 | 0 |
| 20 | 64QAM | 50 | 50 | 15.48 | 15.57 | 15.38 | | |
| 20 | 64QAM | 100 | 0 | 15.54 | 15.62 | 15.34 | | |
| 20 | 256QAM | 1 | 0 | 15.48 | 15.51 | 15.38 | 17 | 0 |
| 20 | 256QAM | 1 | 49 | 15.50 | 15.59 | 15.35 | | |
| 20 | 256QAM | 1 | 99 | 15.55 | 15.61 | 15.35 | | |
| 20 | 256QAM | 50 | 0 | 15.58 | 15.57 | 15.42 | | |
| 20 | 256QAM | 50 | 24 | 15.48 | 15.65 | 15.33 | | |
| 20 | 256QAM | 50 | 50 | 15.47 | 15.54 | 15.44 | | |
| 20 | 256QAM | 100 | 0 | 15.47 | 15.58 | 15.43 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 15.57 | 15.55 | 15.35 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.44 | 15.52 | 15.19 | | |
| 15 | QPSK | 1 | 74 | 15.37 | 15.35 | 15.20 | | |
| 15 | QPSK | 36 | 0 | 15.47 | 15.48 | 15.37 | 17 | 0 |
| 15 | QPSK | 36 | 20 | 15.41 | 15.50 | 15.22 | | |
| 15 | QPSK | 36 | 39 | 15.38 | 15.40 | 15.23 | | |
| 15 | QPSK | 75 | 0 | 15.44 | 15.44 | 15.43 | | |
| 15 | 16QAM | 1 | 0 | 15.48 | 15.39 | 15.26 | 17 | 0 |
| 15 | 16QAM | 1 | 37 | 15.41 | 15.55 | 15.20 | | |
| 15 | 16QAM | 1 | 74 | 15.38 | 15.51 | 15.31 | | |
| 15 | 16QAM | 36 | 0 | 15.37 | 15.56 | 15.35 | | |
| 15 | 16QAM | 36 | 20 | 15.36 | 15.58 | 15.25 | 17 | 0 |
| 15 | 16QAM | 36 | 39 | 15.50 | 15.33 | 15.31 | | |
| 15 | 16QAM | 75 | 0 | 15.52 | 15.61 | 15.38 | | |
| 15 | 64QAM | 1 | 0 | 15.49 | 15.60 | 15.45 | 17 | 0 |
| 15 | 64QAM | 1 | 37 | 15.42 | 15.61 | 15.43 | | |
| 15 | 64QAM | 1 | 74 | 15.58 | 15.58 | 15.46 | | |
| 15 | 64QAM | 36 | 0 | 15.66 | 15.66 | 15.51 | 17 | 0 |
| 15 | 64QAM | 36 | 20 | 15.55 | 15.63 | 15.44 | | |
| 15 | 64QAM | 36 | 39 | 15.58 | 15.62 | 15.41 | | |
| 15 | 64QAM | 75 | 0 | 15.59 | 15.58 | 15.36 | | |
| 15 | 256QAM | 1 | 0 | 15.53 | 15.51 | 15.45 | 17 | 0 |
| 15 | 256QAM | 1 | 37 | 15.48 | 15.59 | 15.32 | | |
| 15 | 256QAM | 1 | 74 | 15.52 | 15.65 | 15.38 | | |
| 15 | 256QAM | 36 | 0 | 15.64 | 15.58 | 15.43 | 17 | 0 |
| 15 | 256QAM | 36 | 20 | 15.52 | 15.64 | 15.40 | | |
| 15 | 256QAM | 36 | 39 | 15.51 | 15.51 | 15.48 | | |
| 15 | 256QAM | 75 | 0 | 15.47 | 15.58 | 15.40 | | |
| Channel | | | | 18500 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 15.59 | 15.61 | 15.35 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.48 | 15.51 | 15.22 | | |
| 10 | QPSK | 1 | 49 | 15.38 | 15.47 | 15.31 | | |
| 10 | QPSK | 25 | 0 | 15.52 | 15.55 | 15.39 | 17 | 0 |
| 10 | QPSK | 25 | 12 | 15.44 | 15.50 | 15.27 | | |
| 10 | QPSK | 25 | 25 | 15.49 | 15.45 | 15.26 | | |
| 10 | QPSK | 50 | 0 | 15.35 | 15.56 | 15.29 | | |
| 10 | 16QAM | 1 | 0 | 15.53 | 15.41 | 15.26 | 17 | 0 |
| 10 | 16QAM | 1 | 25 | 15.47 | 15.52 | 15.27 | | |
| 10 | 16QAM | 1 | 49 | 15.45 | 15.45 | 15.31 | | |
| 10 | 16QAM | 25 | 0 | 15.34 | 15.57 | 15.31 | 17 | 0 |
| 10 | 16QAM | 25 | 12 | 15.43 | 15.58 | 15.30 | | |
| 10 | 16QAM | 25 | 25 | 15.54 | 15.38 | 15.48 | | |
| 10 | 16QAM | 50 | 0 | 15.52 | 15.60 | 15.44 | | |
| 10 | 64QAM | 1 | 0 | 15.49 | 15.64 | 15.56 | 17 | 0 |
| 10 | 64QAM | 1 | 25 | 15.53 | 15.59 | 15.46 | | |
| 10 | 64QAM | 1 | 49 | 15.66 | 15.67 | 15.42 | | |
| 10 | 64QAM | 25 | 0 | 15.55 | 15.54 | 15.38 | 17 | 0 |
| 10 | 64QAM | 25 | 12 | 15.68 | 15.66 | 15.44 | | |
| 10 | 64QAM | 25 | 25 | 15.47 | 15.65 | 15.45 | | |
| 10 | 64QAM | 50 | 0 | 15.63 | 15.59 | 15.44 | | |
| 10 | 256QAM | 1 | 0 | 15.44 | 15.50 | 15.37 | 17 | 0 |
| 10 | 256QAM | 1 | 25 | 15.51 | 15.61 | 15.44 | | |
| 10 | 256QAM | 1 | 49 | 15.60 | 15.70 | 15.38 | | |
| 10 | 256QAM | 25 | 0 | 15.61 | 15.55 | 15.49 | 17 | 0 |
| 10 | 256QAM | 25 | 12 | 15.55 | 15.63 | 15.35 | | |
| 10 | 256QAM | 25 | 25 | 15.55 | 15.60 | 15.43 | | |
| 10 | 256QAM | 50 | 0 | 15.52 | 15.57 | 15.49 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 15.47 | 15.59 | 15.35 | 17 | 0 |
| 5 | QPSK | 1 | 12 | 15.42 | 15.51 | 15.13 | | |
| 5 | QPSK | 1 | 24 | 15.37 | 15.33 | 15.23 | | |
| 5 | QPSK | 12 | 0 | 15.51 | 15.54 | 15.34 | 17 | 0 |
| 5 | QPSK | 12 | 7 | 15.42 | 15.51 | 15.33 | | |
| 5 | QPSK | 12 | 13 | 15.46 | 15.48 | 15.33 | | |
| 5 | QPSK | 25 | 0 | 15.35 | 15.45 | 15.41 | | |
| 5 | 16QAM | 1 | 0 | 15.53 | 15.44 | 15.17 | 17 | 0 |
| 5 | 16QAM | 1 | 12 | 15.49 | 15.43 | 15.22 | | |
| 5 | 16QAM | 1 | 24 | 15.40 | 15.42 | 15.25 | | |
| 5 | 16QAM | 12 | 0 | 15.31 | 15.45 | 15.37 | 17 | 0 |
| 5 | 16QAM | 12 | 7 | 15.35 | 15.50 | 15.35 | | |
| 5 | 16QAM | 12 | 13 | 15.34 | 15.42 | 15.45 | | |
| 5 | 16QAM | 25 | 0 | 15.55 | 15.56 | 15.39 | | |
| 5 | 64QAM | 1 | 0 | 15.48 | 15.50 | 15.44 | 17 | 0 |
| 5 | 64QAM | 1 | 12 | 15.52 | 15.62 | 15.33 | | |
| 5 | 64QAM | 1 | 24 | 15.56 | 15.61 | 15.45 | | |
| 5 | 64QAM | 12 | 0 | 15.55 | 15.55 | 15.43 | 17 | 0 |
| 5 | 64QAM | 12 | 7 | 15.58 | 15.62 | 15.40 | | |
| 5 | 64QAM | 12 | 13 | 15.53 | 15.62 | 15.39 | | |
| 5 | 64QAM | 25 | 0 | 15.64 | 15.59 | 15.30 | | |
| 5 | 256QAM | 1 | 0 | 15.55 | 15.54 | 15.43 | 17 | 0 |
| 5 | 256QAM | 1 | 12 | 15.59 | 15.64 | 15.42 | | |
| 5 | 256QAM | 1 | 24 | 15.64 | 15.62 | 15.40 | | |
| 5 | 256QAM | 12 | 0 | 15.57 | 15.61 | 15.42 | 17 | 0 |
| 5 | 256QAM | 12 | 7 | 15.53 | 15.64 | 15.30 | | |
| 5 | 256QAM | 12 | 13 | 15.43 | 15.53 | 15.42 | | |
| 5 | 256QAM | 25 | 0 | 15.52 | 15.67 | 15.48 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 15.49 | 15.55 | 15.38 | 17 | 0 |
| 3 | QPSK | 1 | 8 | 15.40 | 15.48 | 15.17 | | |
| 3 | QPSK | 1 | 14 | 15.44 | 15.37 | 15.26 | | |
| 3 | QPSK | 8 | 0 | 15.44 | 15.58 | 15.41 | 17 | 0 |
| 3 | QPSK | 8 | 4 | 15.38 | 15.46 | 15.21 | | |
| 3 | QPSK | 8 | 7 | 15.39 | 15.48 | 15.35 | | |
| 3 | QPSK | 15 | 0 | 15.49 | 15.45 | 15.41 | | |
| 3 | 16QAM | 1 | 0 | 15.51 | 15.48 | 15.31 | 17 | 0 |
| 3 | 16QAM | 1 | 8 | 15.43 | 15.49 | 15.18 | | |
| 3 | 16QAM | 1 | 14 | 15.43 | 15.52 | 15.23 | | |
| 3 | 16QAM | 8 | 0 | 15.39 | 15.54 | 15.30 | 17 | 0 |
| 3 | 16QAM | 8 | 4 | 15.41 | 15.44 | 15.30 | | |
| 3 | 16QAM | 8 | 7 | 15.61 | 15.38 | 15.46 | | |
| 3 | 16QAM | 15 | 0 | 15.52 | 15.61 | 15.37 | | |
| 3 | 64QAM | 1 | 0 | 15.57 | 15.52 | 15.50 | 17 | 0 |
| 3 | 64QAM | 1 | 8 | 15.53 | 15.68 | 15.43 | | |
| 3 | 64QAM | 1 | 14 | 15.53 | 15.65 | 15.41 | | |
| 3 | 64QAM | 8 | 0 | 15.58 | 15.65 | 15.50 | 17 | 0 |
| 3 | 64QAM | 8 | 4 | 15.54 | 15.61 | 15.51 | | |
| 3 | 64QAM | 8 | 7 | 15.52 | 15.58 | 15.34 | | |
| 3 | 64QAM | 15 | 0 | 15.54 | 15.63 | 15.43 | | |
| 3 | 256QAM | 1 | 0 | 15.58 | 15.52 | 15.36 | 17 | 0 |
| 3 | 256QAM | 1 | 8 | 15.62 | 15.62 | 15.35 | | |
| 3 | 256QAM | 1 | 14 | 15.63 | 15.65 | 15.35 | | |
| 3 | 256QAM | 8 | 0 | 15.65 | 15.60 | 15.46 | 17 | 0 |
| 3 | 256QAM | 8 | 4 | 15.49 | 15.67 | 15.34 | | |
| 3 | 256QAM | 8 | 7 | 15.46 | 15.54 | 15.45 | | |
| 3 | 256QAM | 15 | 0 | 15.62 | 15.63 | 15.41 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.56 | 15.56 | 15.34 | 17 | 0 |
| 1.4 | QPSK | 1 | 3 | 15.40 | 15.42 | 15.24 | | |
| 1.4 | QPSK | 1 | 5 | 15.40 | 15.38 | 15.27 | | |
| 1.4 | QPSK | 3 | 0 | 15.56 | 15.50 | 15.40 | | |
| 1.4 | QPSK | 3 | 1 | 15.35 | 15.44 | 15.34 | | |
| 1.4 | QPSK | 3 | 3 | 15.48 | 15.45 | 15.24 | | |
| 1.4 | QPSK | 6 | 0 | 15.38 | 15.57 | 15.36 | 17 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.45 | 15.42 | 15.24 | 17 | 0 |
| 1.4 | 16QAM | 1 | 3 | 15.51 | 15.44 | 15.22 | | |
| 1.4 | 16QAM | 1 | 5 | 15.45 | 15.50 | 15.29 | | |
| 1.4 | 16QAM | 3 | 0 | 15.37 | 15.45 | 15.29 | | |
| 1.4 | 16QAM | 3 | 1 | 15.45 | 15.53 | 15.24 | | |
| 1.4 | 16QAM | 3 | 3 | 15.56 | 15.42 | 15.30 | | |
| 1.4 | 16QAM | 6 | 0 | 15.51 | 15.63 | 15.49 | 17 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.55 | 15.56 | 15.48 | 17 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.48 | 15.61 | 15.40 | | |
| 1.4 | 64QAM | 1 | 5 | 15.65 | 15.66 | 15.38 | | |
| 1.4 | 64QAM | 3 | 0 | 15.60 | 15.63 | 15.49 | | |
| 1.4 | 64QAM | 3 | 1 | 15.56 | 15.59 | 15.46 | | |
| 1.4 | 64QAM | 3 | 3 | 15.47 | 15.57 | 15.45 | | |
| 1.4 | 64QAM | 6 | 0 | 15.56 | 15.60 | 15.41 | 17 | 0 |
| 1.4 | 256QAM | 1 | 0 | 15.46 | 15.58 | 15.41 | 17 | 0 |
| 1.4 | 256QAM | 1 | 3 | 15.46 | 15.69 | 15.31 | | |
| 1.4 | 256QAM | 1 | 5 | 15.62 | 15.69 | 15.37 | | |
| 1.4 | 256QAM | 3 | 0 | 15.60 | 15.55 | 15.44 | | |
| 1.4 | 256QAM | 3 | 1 | 15.53 | 15.62 | 15.39 | | |
| 1.4 | 256QAM | 3 | 3 | 15.50 | 15.58 | 15.42 | | |
| 1.4 | 256QAM | 6 | 0 | 15.45 | 15.65 | 15.45 | 17 | 0 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 16.42 | 16.58 | 16.52 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.19 | 16.38 | 16.43 | | |
| 20 | QPSK | 1 | 99 | 16.25 | 16.52 | 16.43 | | |
| 20 | QPSK | 50 | 0 | 16.27 | 16.25 | 16.47 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.27 | 16.37 | 16.30 | | |
| 20 | QPSK | 50 | 50 | 16.22 | 16.42 | 16.37 | | |
| 20 | QPSK | 100 | 0 | 16.23 | 16.51 | 16.39 | | |
| 20 | 16QAM | 1 | 0 | 16.21 | 16.37 | 16.32 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.26 | 16.46 | 16.33 | | |
| 20 | 16QAM | 1 | 99 | 16.17 | 16.45 | 16.38 | | |
| 20 | 16QAM | 50 | 0 | 16.21 | 16.36 | 16.37 | | |
| 20 | 16QAM | 50 | 24 | 16.17 | 16.40 | 16.39 | 18 | 0 |
| 20 | 16QAM | 50 | 50 | 16.25 | 16.47 | 16.27 | | |

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.58 | 21.59 | 21.47 | 23.2 | 0 |
| 10 | QPSK | 1 | 25 | 21.57 | 21.53 | 21.46 | | |
| 10 | QPSK | 1 | 49 | 21.47 | 21.41 | 21.40 | | |
| 10 | QPSK | 25 | 0 | 21.57 | 21.57 | 21.45 | 23 | 0.2 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.44 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.42 | 21.55 | 21.29 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.56 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.57 | 21.52 | 21.52 | | |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.45 | 21.53 | 23 | 0.2 |
| 10 | 16QAM | 1 | 49 | 21.55 | 21.52 | 21.55 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 1.2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.75 | 22 | 1.2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.76 | 19.67 | 19.75 | 21 | 2.2 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.73 | 19.75 | | |
| 10 | 64QAM | 25 | 25 | 19.68 | 19.80 | 19.67 | | |
| 10 | 64QAM | 50 | 0 | 19.76 | 19.69 | 19.65 | | |
| 10 | 256QAM | 1 | 0 | 17.95 | 17.75 | 17.82 | 19 | 4.2 |
| 10 | 256QAM | 1 | 25 | 17.93 | 17.84 | 17.81 | | |
| 10 | 256QAM | 1 | 49 | 17.96 | 17.84 | 17.88 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.88 | 17.82 | 19 | 4.2 |
| 10 | 256QAM | 25 | 12 | 17.84 | 17.89 | 17.77 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.76 | 17.72 | | |
| 10 | 256QAM | 50 | 0 | 17.93 | 17.79 | 17.75 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.55 | 21.53 | 21.44 | 23.2 | 0 |
| 5 | QPSK | 1 | 12 | 21.49 | 21.41 | 21.40 | | |
| 5 | QPSK | 1 | 24 | 21.39 | 21.29 | 21.36 | | |
| 5 | QPSK | 12 | 0 | 21.50 | 21.50 | 21.37 | 23 | 0.2 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.38 | 21.43 | | |
| 5 | QPSK | 12 | 13 | 21.33 | 21.51 | 21.24 | | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.51 | 21.46 | | |
| 5 | 16QAM | 1 | 0 | 21.47 | 21.43 | 21.44 | 23 | 0.2 |
| 5 | 16QAM | 1 | 12 | 21.46 | 21.41 | 21.41 | | |
| 5 | 16QAM | 1 | 24 | 21.53 | 21.40 | 21.50 | | |
| 5 | 16QAM | 12 | 0 | 20.53 | 20.37 | 20.44 | 22 | 1.2 |
| 5 | 16QAM | 12 | 7 | 20.45 | 20.47 | 20.33 | | |
| 5 | 16QAM | 12 | 13 | 20.33 | 20.36 | 20.39 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.44 | 20.32 | | |
| 5 | 64QAM | 1 | 0 | 20.46 | 20.49 | 20.64 | 22 | 1.2 |
| 5 | 64QAM | 1 | 12 | 20.39 | 20.54 | 20.55 | | |
| 5 | 64QAM | 1 | 24 | 20.48 | 20.62 | 20.50 | | |
| 5 | 64QAM | 12 | 0 | 19.77 | 19.64 | 19.71 | 21 | 2.2 |
| 5 | 64QAM | 12 | 7 | 19.76 | 19.64 | 19.74 | | |
| 5 | 64QAM | 12 | 13 | 19.60 | 19.76 | 19.63 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.55 | 19.54 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 17.63 | 17.78 | 19 | 4.2 |
| 5 | 256QAM | 1 | 12 | 17.83 | 17.69 | 17.74 | | |
| 5 | 256QAM | 1 | 24 | 17.91 | 17.74 | 17.86 | | |
| 5 | 256QAM | 12 | 0 | 17.83 | 17.79 | 17.75 | 19 | 4.2 |
| 5 | 256QAM | 12 | 7 | 17.78 | 17.83 | 17.66 | | |
| 5 | 256QAM | 12 | 13 | 17.77 | 17.66 | 17.64 | | |
| 5 | 256QAM | 25 | 0 | 17.79 | 17.76 | 17.91 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.50 | 21.55 | 21.43 | 23.2 | 0 |
| 3 | QPSK | 1 | 8 | 21.49 | 21.47 | 21.44 | | |
| 3 | QPSK | 1 | 14 | 21.37 | 21.32 | 21.33 | | |
| 3 | QPSK | 8 | 0 | 21.43 | 21.54 | 21.37 | 23 | 0.2 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.37 | 21.34 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.53 | 21.18 | | |
| 3 | QPSK | 15 | 0 | 21.48 | 21.47 | 21.46 | | |
| 3 | 16QAM | 1 | 0 | 21.50 | 21.43 | 21.46 | 23 | 0.2 |
| 3 | 16QAM | 1 | 8 | 21.49 | 21.42 | 21.43 | | |
| 3 | 16QAM | 1 | 14 | 21.43 | 21.50 | 21.51 | | |
| 3 | 16QAM | 8 | 0 | 20.58 | 20.46 | 20.47 | 22 | 1.2 |
| 3 | 16QAM | 8 | 4 | 20.49 | 20.33 | 20.47 | | |
| 3 | 16QAM | 8 | 7 | 20.38 | 20.31 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.38 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.50 | 20.60 | 20.61 | 22 | 1.2 |
| 3 | 64QAM | 1 | 8 | 20.47 | 20.49 | 20.58 | | |
| 3 | 64QAM | 1 | 14 | 20.58 | 20.68 | 20.49 | | |
| 3 | 64QAM | 8 | 0 | 19.76 | 19.66 | 19.57 | 21 | 2.2 |
| 3 | 64QAM | 8 | 4 | 19.83 | 19.58 | 19.60 | | |
| 3 | 64QAM | 8 | 7 | 19.63 | 19.65 | 19.60 | | |
| 3 | 64QAM | 15 | 0 | 19.68 | 19.62 | 19.51 | | |
| 3 | 256QAM | 1 | 0 | 17.93 | 17.60 | 17.80 | 19 | 4.2 |
| 3 | 256QAM | 1 | 8 | 17.90 | 17.75 | 17.69 | | |
| 3 | 256QAM | 1 | 14 | 17.91 | 17.69 | 17.79 | | |
| 3 | 256QAM | 8 | 0 | 17.90 | 17.64 | 17.73 | 19 | 4.2 |
| 3 | 256QAM | 8 | 4 | 17.69 | 17.88 | 17.66 | | |
| 3 | 256QAM | 8 | 7 | 17.72 | 17.75 | 17.69 | | |
| 3 | 256QAM | 15 | 0 | 17.79 | 17.73 | 17.83 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 21.50 | 21.48 | 21.35 | 23.2 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.54 | 21.47 | 21.39 | | |
| 1.4 | QPSK | 1 | 5 | 21.43 | 21.31 | 21.30 | | |
| 1.4 | QPSK | 3 | 0 | 21.51 | 21.55 | 21.46 | | |
| 1.4 | QPSK | 3 | 2 | 21.32 | 21.35 | 21.22 | | |
| 1.4 | QPSK | 3 | 3 | 21.51 | 21.50 | 21.39 | 23 | 0.2 |
| 1.4 | QPSK | 6 | 0 | 21.50 | 21.48 | 21.43 | | |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.42 | 21.47 | 23 | 0.2 |
| 1.4 | 16QAM | 1 | 3 | 21.38 | 21.36 | 21.43 | | |
| 1.4 | 16QAM | 1 | 5 | 21.47 | 21.41 | 21.51 | | |
| 1.4 | 16QAM | 3 | 0 | 21.50 | 21.46 | 21.47 | | |
| 1.4 | 16QAM | 3 | 1 | 21.38 | 21.37 | 21.38 | | |
| 1.4 | 16QAM | 3 | 3 | 21.42 | 21.45 | 21.50 | | |
| 1.4 | 16QAM | 6 | 0 | 20.53 | 20.36 | 20.43 | 22 | 1.2 |
| 1.4 | 64QAM | 1 | 0 | 20.48 | 20.52 | 20.67 | 22 | 1.2 |
| 1.4 | 64QAM | 1 | 3 | 20.55 | 20.64 | 20.58 | | |
| 1.4 | 64QAM | 1 | 5 | 20.47 | 20.64 | 20.58 | | |
| 1.4 | 64QAM | 3 | 0 | 20.48 | 20.49 | 20.67 | | |
| 1.4 | 64QAM | 3 | 1 | 20.55 | 20.62 | 20.71 | | |
| 1.4 | 64QAM | 3 | 3 | 20.51 | 20.68 | 20.62 | | |
| 1.4 | 64QAM | 6 | 0 | 19.73 | 19.61 | 19.56 | 21 | 2.2 |
| 1.4 | 256QAM | 1 | 0 | 17.85 | 17.64 | 17.67 | 19 | 4.2 |
| 1.4 | 256QAM | 1 | 3 | 17.85 | 17.74 | 17.76 | | |
| 1.4 | 256QAM | 1 | 5 | 17.94 | 17.83 | 17.86 | | |
| 1.4 | 256QAM | 3 | 0 | 17.83 | 17.78 | 17.73 | | |
| 1.4 | 256QAM | 3 | 1 | 17.71 | 17.66 | 17.68 | | |
| 1.4 | 256QAM | 3 | 3 | 17.75 | 17.61 | 17.70 | | |
| 1.4 | 256QAM | 6 | 0 | 17.81 | 17.72 | 17.81 | 19 | 4.2 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 21.17 | 21.27 | 21.13 | 22.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.14 | 21.26 | 21.07 | | |
| 10 | QPSK | 1 | 49 | 21.09 | 21.17 | 21.07 | | |
| 10 | QPSK | 25 | 0 | 21.05 | 21.14 | 21.04 | 22.7 | 0 |
| 10 | QPSK | 25 | 12 | 20.94 | 21.09 | 20.98 | | |
| 10 | QPSK | 25 | 25 | 20.98 | 20.97 | 20.97 | | |
| 10 | QPSK | 50 | 0 | 21.05 | 21.09 | 21.03 | | |
| 10 | 16QAM | 1 | 0 | 21.00 | 21.09 | 21.09 | 22.7 | 0 |
| 10 | 16QAM | 1 | 25 | 20.98 | 21.03 | 20.93 | | |
| 10 | 16QAM | 1 | 49 | 21.04 | 21.13 | 21.04 | | |
| 10 | 16QAM | 25 | 0 | 20.54 | 20.69 | 20.61 | 22 | 0.7 |
| 10 | 16QAM | 25 | 12 | 20.63 | 20.65 | 20.57 | | |
| 10 | 16QAM | 25 | 25 | 20.69 | 20.71 | 20.53 | | |
| 10 | 16QAM | 50 | 0 | 20.56 | 20.74 | 20.52 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.66 | 20.52 | 22 | 0.7 |
| 10 | 64QAM | 1 | 25 | 20.71 | 20.68 | 20.64 | | |
| 10 | 64QAM | 1 | 49 | 20.64 | 20.69 | 20.48 | | |
| 10 | 64QAM | 25 | 0 | 19.50 | 19.57 | 19.54 | 21 | 1.7 |
| 10 | 64QAM | 25 | 12 | 19.66 | 19.74 | 19.67 | | |
| 10 | 64QAM | 25 | 25 | 19.56 | 19.69 | 19.55 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.69 | 19.56 | | |
| 10 | 256QAM | 1 | 0 | 17.57 | 17.75 | 17.63 | 19 | 3.7 |
| 10 | 256QAM | 1 | 25 | 17.61 | 17.73 | 17.55 | | |
| 10 | 256QAM | 1 | 49 | 17.49 | 17.62 | 17.59 | | |
| 10 | 256QAM | 25 | 0 | 17.68 | 17.75 | 17.62 | 19 | 3.7 |
| 10 | 256QAM | 25 | 12 | 17.70 | 17.71 | 17.64 | | |
| 10 | 256QAM | 25 | 25 | 17.60 | 17.78 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.58 | 17.66 | 17.54 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 21.11 | 21.17 | 21.05 | 22.7 | 0 |
| 5 | QPSK | 1 | 12 | 20.94 | 21.13 | 20.96 | | |
| 5 | QPSK | 1 | 24 | 20.94 | 21.11 | 20.92 | | |
| 5 | QPSK | 12 | 0 | 20.82 | 20.94 | 20.80 | 22.7 | 0 |
| 5 | QPSK | 12 | 7 | 20.82 | 20.85 | 20.76 | | |
| 5 | QPSK | 12 | 13 | 20.76 | 20.78 | 20.74 | | |
| 5 | QPSK | 25 | 0 | 20.90 | 20.97 | 20.89 | | |
| 5 | 16QAM | 1 | 0 | 20.88 | 20.91 | 20.73 | 22.7 | 0 |
| 5 | 16QAM | 1 | 12 | 20.83 | 20.87 | 20.77 | | |
| 5 | 16QAM | 1 | 24 | 20.92 | 20.91 | 20.82 | | |
| 5 | 16QAM | 12 | 0 | 20.39 | 20.51 | 20.37 | 22 | 0.7 |
| 5 | 16QAM | 12 | 7 | 20.51 | 20.45 | 20.33 | | |
| 5 | 16QAM | 12 | 13 | 20.64 | 20.48 | 20.57 | | |
| 5 | 16QAM | 25 | 0 | 20.57 | 20.71 | 20.54 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.70 | 20.55 | 22 | 0.7 |
| 5 | 64QAM | 1 | 12 | 20.65 | 20.62 | 20.69 | | |
| 5 | 64QAM | 1 | 24 | 20.58 | 20.60 | 20.42 | | |
| 5 | 64QAM | 12 | 0 | 19.55 | 19.48 | 19.56 | 21 | 1.7 |
| 5 | 64QAM | 12 | 7 | 19.61 | 19.65 | 19.65 | | |
| 5 | 64QAM | 12 | 13 | 19.57 | 19.72 | 19.60 | | |
| 5 | 64QAM | 25 | 0 | 19.49 | 19.73 | 19.53 | | |
| 5 | 256QAM | 1 | 0 | 17.51 | 17.70 | 17.58 | 19 | 3.7 |
| 5 | 256QAM | 1 | 12 | 17.56 | 17.77 | 17.54 | | |
| 5 | 256QAM | 1 | 24 | 17.45 | 17.65 | 17.63 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.78 | 17.60 | 19 | 3.7 |
| 5 | 256QAM | 12 | 7 | 17.71 | 17.52 | 17.65 | | |
| 5 | 256QAM | 12 | 13 | 17.54 | 17.83 | 17.49 | | |
| 5 | 256QAM | 25 | 0 | 17.60 | 17.63 | 17.47 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 21.08 | 21.12 | 21.06 | 22.7 | 0 |
| 3 | QPSK | 1 | 8 | 20.99 | 21.18 | 20.94 | | |
| 3 | QPSK | 1 | 14 | 20.96 | 21.07 | 21.00 | | |
| 3 | QPSK | 8 | 0 | 20.81 | 20.95 | 20.92 | 22.7 | 0 |
| 3 | QPSK | 8 | 4 | 20.74 | 20.88 | 20.78 | | |
| 3 | QPSK | 8 | 7 | 20.76 | 20.85 | 20.74 | | |
| 3 | QPSK | 15 | 0 | 20.82 | 20.95 | 20.84 | | |
| 3 | 16QAM | 1 | 0 | 20.85 | 20.89 | 20.75 | 22.7 | 0 |
| 3 | 16QAM | 1 | 8 | 20.82 | 20.82 | 20.82 | | |
| 3 | 16QAM | 1 | 14 | 20.81 | 20.92 | 20.80 | | |
| 3 | 16QAM | 8 | 0 | 20.34 | 20.45 | 20.45 | 22 | 0.7 |
| 3 | 16QAM | 8 | 4 | 20.55 | 20.40 | 20.37 | | |
| 3 | 16QAM | 8 | 7 | 20.69 | 20.49 | 20.48 | | |
| 3 | 16QAM | 15 | 0 | 20.59 | 20.70 | 20.55 | | |
| 3 | 64QAM | 1 | 0 | 20.60 | 20.65 | 20.45 | 22 | 0.7 |
| 3 | 64QAM | 1 | 8 | 20.76 | 20.71 | 20.57 | | |
| 3 | 64QAM | 1 | 14 | 20.67 | 20.69 | 20.42 | | |
| 3 | 64QAM | 8 | 0 | 19.51 | 19.45 | 19.45 | 21 | 1.7 |
| 3 | 64QAM | 8 | 4 | 19.64 | 19.76 | 19.60 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.74 | 19.59 | | |
| 3 | 64QAM | 15 | 0 | 19.61 | 19.71 | 19.61 | | |
| 3 | 256QAM | 1 | 0 | 17.59 | 17.70 | 17.66 | 19 | 3.7 |
| 3 | 256QAM | 1 | 8 | 17.60 | 17.68 | 17.58 | | |
| 3 | 256QAM | 1 | 14 | 17.50 | 17.57 | 17.51 | | |
| 3 | 256QAM | 8 | 0 | 17.60 | 17.79 | 17.66 | 19 | 3.7 |
| 3 | 256QAM | 8 | 4 | 17.70 | 17.64 | 17.61 | | |
| 3 | 256QAM | 8 | 7 | 17.65 | 17.80 | 17.47 | | |
| 3 | 256QAM | 15 | 0 | 17.52 | 17.60 | 17.55 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 20.97 | 21.15 | 21.00 | 22.7 | 0 |
| 1.4 | QPSK | 1 | 3 | 21.08 | 21.11 | 20.96 | | |
| 1.4 | QPSK | 1 | 5 | 21.01 | 21.08 | 20.88 | | |
| 1.4 | QPSK | 3 | 0 | 20.86 | 21.02 | 20.91 | | |
| 1.4 | QPSK | 3 | 1 | 20.77 | 20.96 | 20.84 | | |
| 1.4 | QPSK | 3 | 3 | 20.75 | 20.81 | 20.79 | | |
| 1.4 | QPSK | 6 | 0 | 20.93 | 20.89 | 20.84 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 20.88 | 20.95 | 20.85 | 22.7 | 0 |
| 1.4 | 16QAM | 1 | 3 | 20.80 | 20.86 | 20.82 | | |
| 1.4 | 16QAM | 1 | 5 | 20.89 | 21.00 | 20.89 | | |
| 1.4 | 16QAM | 3 | 0 | 20.91 | 20.91 | 20.80 | | |
| 1.4 | 16QAM | 3 | 1 | 20.83 | 20.86 | 20.82 | | |
| 1.4 | 16QAM | 3 | 3 | 20.80 | 20.99 | 20.94 | | |
| 1.4 | 16QAM | 6 | 0 | 20.49 | 20.70 | 20.49 | 22 | 0.7 |
| 1.4 | 64QAM | 1 | 0 | 20.52 | 20.71 | 20.48 | 22 | 0.7 |
| 1.4 | 64QAM | 1 | 3 | 20.64 | 20.64 | 20.71 | | |
| 1.4 | 64QAM | 1 | 5 | 20.63 | 20.60 | 20.42 | | |
| 1.4 | 64QAM | 3 | 0 | 20.47 | 20.77 | 20.53 | | |
| 1.4 | 64QAM | 3 | 1 | 20.62 | 20.60 | 20.71 | | |
| 1.4 | 64QAM | 3 | 3 | 20.68 | 20.69 | 20.51 | | |
| 1.4 | 64QAM | 6 | 0 | 19.48 | 19.71 | 19.55 | 21 | 1.7 |
| 1.4 | 256QAM | 1 | 0 | 17.50 | 17.73 | 17.59 | 19 | 3.7 |
| 1.4 | 256QAM | 1 | 3 | 17.50 | 17.71 | 17.56 | | |
| 1.4 | 256QAM | 1 | 5 | 17.51 | 17.54 | 17.54 | | |
| 1.4 | 256QAM | 3 | 0 | 17.67 | 17.78 | 17.56 | | |
| 1.4 | 256QAM | 3 | 1 | 17.61 | 17.70 | 17.58 | | |
| 1.4 | 256QAM | 3 | 3 | 17.57 | 17.70 | 17.49 | | |
| 1.4 | 256QAM | 6 | 0 | 17.54 | 17.59 | 17.57 | 19 | 3.7 |

## Band 7_Ant 1

| 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 | 17.60 | 18.00 | 17.90 | 19.5 | 0 |
| 20 | QPSK | 1 | 49 | 17.74 | 17.73 | 17.75 | | |
| 20 | QPSK | 1 | 99 | 17.91 | 17.89 | 17.74 | | |
| 20 | QPSK | 50 | 0 | 17.61 | 17.84 | 17.93 | 19.5 | 0 |
| 20 | QPSK | 50 | 24 | 17.67 | 17.58 | 17.74 | | |
| 20 | QPSK | 50 | 50 | 17.69 | 17.83 | 17.66 | | |
| 20 | QPSK | 100 | 0 | 17.93 | 17.95 | 17.86 | | |
| 20 | 16QAM | 1 | 0 | 17.87 | 17.93 | 17.83 | 19.5 | 0 |
| 20 | 16QAM | 1 | 49 | 17.76 | 17.76 | 17.68 | | |
| 20 | 16QAM | 1 | 99 | 17.82 | 17.94 | 17.85 | | |
| 20 | 16QAM | 50 | 0 | 17.60 | 17.88 | 17.78 | 19.5 | 0 |
| 20 | 16QAM | 50 | 24 | 17.65 | 17.61 | 17.71 | | |
| 20 | 16QAM | 50 | 50 | 17.72 | 17.82 | 17.60 | | |
| 20 | 16QAM | 100 | 0 | 17.90 | 17.91 | 17.89 | | |
| 20 | 64QAM | 1 | 0 | 17.85 | 17.99 | 17.88 | 19.5 | 0 |
| 20 | 64QAM | 1 | 49 | 17.79 | 17.78 | 17.78 | | |
| 20 | 64QAM | 1 | 99 | 17.94 | 17.85 | 17.83 | | |
| 20 | 64QAM | 50 | 0 | 17.79 | 17.94 | 17.80 | 19.5 | 0 |
| 20 | 64QAM | 50 | 24 | 17.69 | 17.67 | 17.68 | | |
| 20 | 64QAM | 50 | 50 | 17.68 | 17.79 | 17.72 | | |
| 20 | 64QAM | 100 | 0 | 17.82 | 17.95 | 17.83 | | |
| 20 | 256QAM | 1 | 0 | 17.43 | 17.40 | 17.44 | 19 | 0.5 |
| 20 | 256QAM | 1 | 49 | 17.29 | 17.27 | 17.19 | | |
| 20 | 256QAM | 1 | 99 | 17.45 | 17.44 | 17.37 | | |
| 20 | 256QAM | 50 | 0 | 17.31 | 17.44 | 17.36 | 19 | 0.5 |
| 20 | 256QAM | 50 | 24 | 17.14 | 17.08 | 17.11 | | |
| 20 | 256QAM | 50 | 50 | 17.21 | 17.35 | 17.23 | | |
| 20 | 256QAM | 100 | 0 | 17.33 | 17.35 | 17.31 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 17.92 | 17.98 | 17.86 | 19.5 | 0 |
| 15 | QPSK | 1 | 37 | 17.68 | 17.59 | 17.63 | | |
| 15 | QPSK | 1 | 74 | 17.79 | 17.84 | 17.82 | | |
| 15 | QPSK | 36 | 0 | 17.74 | 17.85 | 17.79 | 19.5 | 0 |
| 15 | QPSK | 36 | 20 | 17.54 | 17.53 | 17.63 | | |
| 15 | QPSK | 36 | 39 | 17.54 | 17.79 | 17.56 | | |
| 15 | QPSK | 75 | 0 | 17.90 | 17.88 | 17.85 | | |
| 15 | 16QAM | 1 | 0 | 17.86 | 17.81 | 17.91 | 19.5 | 0 |
| 15 | 16QAM | 1 | 37 | 17.75 | 17.74 | 17.61 | | |
| 15 | 16QAM | 1 | 74 | 17.68 | 17.87 | 17.73 | | |
| 15 | 16QAM | 36 | 0 | 17.91 | 17.85 | 17.69 | 19.5 | 0 |
| 15 | 16QAM | 36 | 20 | 17.54 | 17.55 | 17.60 | | |
| 15 | 16QAM | 36 | 39 | 17.63 | 17.79 | 17.50 | | |
| 15 | 16QAM | 75 | 0 | 17.76 | 17.90 | 17.87 | | |
| 15 | 64QAM | 1 | 0 | 17.90 | 17.84 | 17.76 | 19.5 | 0 |
| 15 | 64QAM | 1 | 37 | 17.56 | 17.65 | 17.73 | | |
| 15 | 64QAM | 1 | 74 | 17.86 | 17.78 | 17.80 | | |
| 15 | 64QAM | 36 | 0 | 17.72 | 17.89 | 17.87 | 19.5 | 0 |
| 15 | 64QAM | 36 | 20 | 17.67 | 17.64 | 17.58 | | |
| 15 | 64QAM | 36 | 39 | 17.58 | 17.66 | 17.61 | | |
| 15 | 64QAM | 75 | 0 | 17.78 | 17.88 | 17.80 | | |
| 15 | 256QAM | 1 | 0 | 17.31 | 17.37 | 17.29 | 19 | 0.5 |
| 15 | 256QAM | 1 | 37 | 17.10 | 17.16 | 17.12 | | |
| 15 | 256QAM | 1 | 74 | 17.40 | 17.29 | 17.26 | | |
| 15 | 256QAM | 36 | 0 | 17.23 | 17.37 | 17.29 | 19 | 0.5 |
| 15 | 256QAM | 36 | 20 | 17.03 | 17.04 | 17.00 | | |
| 15 | 256QAM | 36 | 39 | 17.14 | 17.24 | 17.22 | | |
| 15 | 256QAM | 75 | 0 | 17.30 | 17.27 | 17.29 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2500 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 17.90 | 17.89 | 17.84 | 19.5 | 0 |
| 10 | QPSK | 1 | 25 | 17.60 | 17.58 | 17.79 | | |
| 10 | QPSK | 1 | 49 | 17.87 | 17.84 | 17.61 | | |
| 10 | QPSK | 25 | 0 | 17.84 | 17.93 | 17.82 | 19.5 | 0 |
| 10 | QPSK | 25 | 12 | 17.58 | 17.54 | 17.64 | | |
| 10 | QPSK | 25 | 25 | 17.66 | 17.79 | 17.69 | | |
| 10 | QPSK | 50 | 0 | 17.87 | 17.80 | 17.84 | | |
| 10 | 16QAM | 1 | 0 | 17.89 | 17.75 | 17.85 | 19.5 | 0 |
| 10 | 16QAM | 1 | 25 | 17.69 | 17.76 | 17.61 | | |
| 10 | 16QAM | 1 | 49 | 17.76 | 17.84 | 17.74 | | |
| 10 | 16QAM | 25 | 0 | 17.62 | 17.74 | 17.63 | 19.5 | 0 |
| 10 | 16QAM | 25 | 12 | 17.62 | 17.58 | 17.65 | | |
| 10 | 16QAM | 25 | 25 | 17.69 | 17.80 | 17.59 | | |
| 10 | 16QAM | 50 | 0 | 17.85 | 17.84 | 17.74 | | |
| 10 | 64QAM | 1 | 0 | 17.80 | 17.90 | 17.80 | 19.5 | 0 |
| 10 | 64QAM | 1 | 25 | 17.77 | 17.62 | 17.68 | | |
| 10 | 64QAM | 1 | 49 | 17.82 | 17.84 | 17.81 | | |
| 10 | 64QAM | 25 | 0 | 17.79 | 17.82 | 17.83 | 19.5 | 0 |
| 10 | 64QAM | 25 | 12 | 17.64 | 17.61 | 17.63 | | |
| 10 | 64QAM | 25 | 25 | 17.54 | 17.71 | 17.64 | | |
| 10 | 64QAM | 50 | 0 | 17.69 | 17.81 | 17.76 | | |
| 10 | 256QAM | 1 | 0 | 17.26 | 17.35 | 17.43 | 19 | 0.5 |
| 10 | 256QAM | 1 | 25 | 17.18 | 17.21 | 17.14 | | |
| 10 | 256QAM | 1 | 49 | 17.31 | 17.42 | 17.29 | | |
| 10 | 256QAM | 25 | 0 | 17.24 | 17.32 | 17.34 | 19 | 0.5 |
| 10 | 256QAM | 25 | 12 | 17.03 | 17.08 | 17.09 | | |
| 10 | 256QAM | 25 | 25 | 17.08 | 17.29 | 17.10 | | |
| 10 | 256QAM | 50 | 0 | 17.31 | 17.23 | 17.26 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 17.94 | 17.96 | 17.88 | 19.5 | 0 |
| 5 | QPSK | 1 | 12 | 17.86 | 17.86 | 17.63 | | |
| 5 | QPSK | 1 | 24 | 17.86 | 17.86 | 17.64 | | |
| 5 | QPSK | 12 | 0 | 17.89 | 17.82 | 17.76 | 19.5 | 0 |
| 5 | QPSK | 12 | 7 | 17.54 | 17.58 | 17.65 | | |
| 5 | QPSK | 12 | 13 | 17.61 | 17.80 | 17.54 | | |
| 5 | QPSK | 25 | 0 | 17.91 | 17.86 | 17.71 | | |
| 5 | 16QAM | 1 | 0 | 17.88 | 17.88 | 17.84 | 19.5 | 0 |
| 5 | 16QAM | 1 | 12 | 17.71 | 17.68 | 17.64 | | |
| 5 | 16QAM | 1 | 24 | 17.81 | 17.86 | 17.75 | | |
| 5 | 16QAM | 12 | 0 | 17.86 | 17.80 | 17.63 | 19.5 | 0 |
| 5 | 16QAM | 12 | 7 | 17.59 | 17.53 | 17.63 | | |
| 5 | 16QAM | 12 | 13 | 17.59 | 17.79 | 17.52 | | |
| 5 | 64QAM | 1 | 0 | 17.81 | 17.76 | 17.83 | 19.5 | 0 |
| 5 | 64QAM | 1 | 12 | 17.90 | 17.85 | 17.85 | | |
| 5 | 64QAM | 1 | 24 | 17.76 | 17.71 | 17.64 | | |
| 5 | 64QAM | 12 | 0 | 17.86 | 17.72 | 17.71 | 19.5 | 0 |
| 5 | 64QAM | 12 | 7 | 17.67 | 17.89 | 17.79 | | |
| 5 | 64QAM | 12 | 13 | 17.56 | 17.59 | 17.56 | | |
| 5 | 64QAM | 12 | 13 | 17.62 | 17.69 | 17.69 | | |
| 5 | 64QAM | 25 | 0 | 17.69 | 17.86 | 17.77 | | |
| 5 | 256QAM | 1 | 0 | 17.31 | 17.38 | 17.42 | 19 | 0.5 |
| 5 | 256QAM | 1 | 12 | 17.11 | 17.15 | 17.12 | | |
| 5 | 256QAM | 1 | 24 | 17.41 | 17.39 | 17.23 | | |
| 5 | 256QAM | 12 | 0 | 17.26 | 17.43 | 17.30 | 19 | 0.5 |
| 5 | 256QAM | 12 | 7 | 17.09 | 17.04 | 17.01 | | |
| 5 | 256QAM | 12 | 13 | 17.17 | 17.28 | 17.22 | | |
| 5 | 256QAM | 25 | 0 | 17.29 | 17.33 | 17.29 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.39 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.54 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.51 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.88 | 21.86

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.61 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.66 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.28 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.46 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.38 | | |
| 5 | 16QAM | 25 | 0 | 20.46 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.40 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.49 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.65 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.40 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.49 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.42 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.54 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.59 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.10 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.59 | 21.50 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.76 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.58 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.49 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.53 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.30 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.63 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.58 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.48 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 15.10 | 15.21 | 15.16 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 15.07 | 15.11 | 14.96 | | |
| 20 | QPSK | 1 | 99 | 15.06 | 15.02 | 14.98 | | |
| 20 | QPSK | 50 | 0 | 15.09 | 15.18 | 15.08 | | |
| 20 | QPSK | 50 | 24 | 15.01 | 15.13 | 15.04 | | |
| 20 | QPSK | 50 | 50 | 15.07 | 15.08 | 14.96 | | |
| 20 | QPSK | 100 | 0 | 15.08 | 15.15 | 15.03 | | |
| 20 | 16QAM | 1 | 0 | 15.09 | 15.02 | 15.02 | | |
| 20 | 16QAM | 1 | 49 | 15.04 | 15.02 | 15.02 | | |
| 20 | 16QAM | 1 | 99 | 15.08 | 15.04 | 15.00 | | |
| 20 | 16QAM | 50 | 0 | 15.04 | 15.12 | 15.08 | | |
| 20 | 16QAM | 50 | 24 | 15.02 | 15.01 | 15.05 | | |
| 20 | 16QAM | 50 | 50 | 15.07 | 15.09 | 14.97 | | |
| 20 | 16QAM | 100 | 0 | 15.12 | 15.06 | 15.10 | | |
| 20 | 64QAM | 1 | 0 | 15.01 | 15.15 | 15.04 | | |
| 20 | 64QAM | 1 | 49 | 15.09 | 15.08 | 15.06 | | |
| 20 | 64QAM | 1 | 99 | 15.10 | 15.09 | 14.98 | | |
| 20 | 64QAM | 50 | 0 | 15.11 | 15.03 | 15.08 | | |
| 20 | 64QAM | 50 | 24 | 15.06 | 15.03 | 14.97 | | |
| 20 | 64QAM | 50 | 50 | 15.03 | 15.05 | 14.97 | | |
| 20 | 64QAM | 100 | 0 | 15.09 | 15.08 | 14.98 | | |
| 20 | 256QAM | 1 | 0 | 15.05 | 15.01 | 15.08 | | |
| 20 | 256QAM | 1 | 49 | 15.03 | 15.11 | 15.10 | | |
| 20 | 256QAM | 1 | 99 | 15.09 | 15.11 | 15.08 | | |
| 20 | 256QAM | 50 | 0 | 15.01 | 15.08 | 15.10 | | |
| 20 | 256QAM | 50 | 24 | 15.09 | 15.02 | 15.08 | | |
| 20 | 256QAM | 50 | 50 | 15.05 | 15.15 | 15.03 | | |
| 20 | 256QAM | 100 | 0 | 15.09 | 15.08 | 15.02 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 15.02 | 15.03 | 14.95 | | |
| 15 | QPSK | 1 | 37 | 14.88 | 14.90 | 14.84 | 16.5 | 0 |
| 15 | QPSK | 1 | 74 | 14.89 | 14.87 | 14.85 | | |
| 15 | QPSK | 36 | 0 | 14.94 | 14.94 | 14.87 | | |
| 15 | QPSK | 36 | 20 | 14.82 | 14.97 | 14.79 | 16.5 | 0 |
| 15 | QPSK | 36 | 39 | 14.94 | 14.88 | 14.81 | | |
| 15 | QPSK | 75 | 0 | 14.92 | 15.03 | 14.84 | | |
| 15 | 16QAM | 1 | 0 | 14.89 | 14.87 | 14.88 | | |
| 15 | 16QAM | 1 | 37 | 14.79 | 14.91 | 14.86 | 16.5 | 0 |
| 15 | 16QAM | 1 | 74 | 14.83 | 14.88 | 14.87 | | |
| 15 | 16QAM | 36 | 0 | 14.82 | 14.90 | 14.88 | | |
| 15 | 16QAM | 36 | 20 | 14.82 | 14.76 | 14.81 | 16.5 | 0 |
| 15 | 16QAM | 36 | 39 | 15.11 | 14.91 | 14.86 | | |
| 15 | 16QAM | 75 | 0 | 15.04 | 15.04 | 15.10 | | |
| 15 | 64QAM | 1 | 0 | 14.99 | 15.13 | 15.04 | | |
| 15 | 64QAM | 1 | 37 | 15.05 | 15.19 | 15.11 | 16.5 | 0 |
| 15 | 64QAM | 1 | 74 | 15.04 | 15.03 | 14.92 | | |
| 15 | 64QAM | 36 | 0 | 15.07 | 15.01 | 15.05 | | |
| 15 | 64QAM | 36 | 20 | 15.11 | 14.95 | 14.96 | 16.5 | 0 |
| 15 | 64QAM | 36 | 39 | 15.11 | 15.06 | 14.91 | | |
| 15 | 64QAM | 75 | 0 | 15.03 | 15.05 | 14.99 | | |
| 15 | 256QAM | 1 | 0 | 15.05 | 14.96 | 14.97 | | |
| 15 | 256QAM | 1 | 37 | 15.09 | 15.12 | 15.08 | 16.5 | 0 |
| 15 | 256QAM | 1 | 74 | 15.04 | 15.07 | 15.07 | | |
| 15 | 256QAM | 36 | 0 | 15.02 | 15.10 | 15.12 | | |
| 15 | 256QAM | 36 | 20 | 15.08 | 15.04 | 15.10 | 16.5 | 0 |
| 15 | 256QAM | 36 | 39 | 14.99 | 15.15 | 14.98 | | |
| 15 | 256QAM | 75 | 0 | 15.03 | 15.05 | 15.02 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 14.95 | 15.08 | 15.02 | 16.5 | 0 |
| 10 | QPSK | 1 | 25 | 14.96 | 14.99 | 14.75 | | |
| 10 | QPSK | 1 | 49 | 14.90 | 14.83 | 14.77 | | |
| 10 | QPSK | 25 | 0 | 14.98 | 15.04 | 14.88 | | |
| 10 | QPSK | 25 | 12 | 14.76 | 14.98 | 14.92 | 16.5 | 0 |
| 10 | QPSK | 25 | 25 | 14.94 | 14.86 | 14.76 | | |
| 10 | QPSK | 50 | 0 | 14.84 | 15.03 | 14.80 | | |
| 10 | 16QAM | 1 | 0 | 14.92 | 14.79 | 14.80 | | |
| 10 | 16QAM | 1 | 25 | 14.91 | 14.89 | 14.82 | 16.5 | 0 |
| 10 | 16QAM | 1 | 49 | 14.87 | 14.88 | 14.80 | | |
| 10 | 16QAM | 25 | 0 | 14.88 | 14.98 | 14.88 | | |
| 10 | 16QAM | 25 | 12 | 14.91 | 14.85 | 14.93 | 16.5 | 0 |
| 10 | 16QAM | 25 | 25 | 15.01 | 14.93 | 14.89 | | |
| 10 | 16QAM | 50 | 0 | 15.13 | 15.00 | 15.08 | | |
| 10 | 64QAM | 1 | 0 | 15.02 | 15.15 | 14.98 | | |
| 10 | 64QAM | 1 | 25 | 15.12 | 15.04 | 15.08 | 16.5 | 0 |
| 10 | 64QAM | 1 | 49 | 15.14 | 15.01 | 14.91 | | |
| 10 | 64QAM | 25 | 0 | 15.09 | 15.05 | 15.02 | | |
| 10 | 64QAM | 25 | 12 | 15.04 | 14.94 | 14.94 | 16.5 | 0 |
| 10 | 64QAM | 25 | 25 | 14.94 | 15.00 | 15.00 | | |
| 10 | 64QAM | 50 | 0 | 15.00 | 15.01 | 14.93 | | |
| 10 | 256QAM | 1 | 0 | 15.01 | 14.99 | 15.03 | | |
| 10 | 256QAM | 1 | 25 | 14.94 | 15.13 | 15.08 | 16.5 | 0 |
| 10 | 256QAM | 1 | 49 | 15.12 | 15.09 | 15.10 | | |
| 10 | 256QAM | 25 | 0 | 15.06 | 15.05 | 15.11 | | |
| 10 | 256QAM | 25 | 12 | 15.11 | 15.06 | 15.05 | 16.5 | 0 |
| 10 | 256QAM | 25 | 25 | 14.96 | 15.18 | 15.02 | | |
| 10 | 256QAM | 50 | 0 | 14.99 | 14.96 | 15.04 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 15.04 | 15.09 | 14.91 | | |
| 5 | QPSK | 1 | 12 | 14.88 | 15.03 | 14.84 | 16.5 | 0 |
| 5 | QPSK | 1 | 24 | 14.84 | 14.84 | 14.77 | | |
| 5 | QPSK | 12 | 0 | 14.90 | 14.95 | 14.95 | | |
| 5 | QPSK | 12 | 7 | 14.90 | 14.95 | 14.93 | 16.5 | 0 |
| 5 | QPSK | 12 | 13 | 14.94 | 14.87 | 14.72 | | |
| 5 | QPSK | 25 | 0 | 14.83 | 14.97 | 14.83 | | |
| 5 | 16QAM | 1 | 0 | 14.86 | 14.87 | 14.96 | | |
| 5 | 16QAM | 1 | 12 | 14.99 | 14.94 | 14.84 | 16.5 | 0 |
| 5 | 16QAM | 1 | 24 | 14.96 | 14.85 | 14.75 | | |
| 5 | 16QAM | 12 | 0 | 14.83 | 14.97 | 14.92 | | |
| 5 | 16QAM | 12 | 7 | 14.84 | 14.80 | 14.81 | 16.5 | 0 |
| 5 | 16QAM | 12 | 13 | 15.01 | 15.01 | 14.91 | | |
| 5 | 16QAM | 25 | 0 | 15.15 | 15.03 | 15.11 | | |
| 5 | 64QAM | 1 | 0 | 14.99 | 15.06 | 15.08 | | |
| 5 | 64QAM | 1 | 12 | 15.12 | 15.01 | 15.08 | 16.5 | 0 |
| 5 | 64QAM | 1 | 24 | 15.08 | 15.06 | 14.91 | | |
| 5 | 64QAM | 12 | 0 | 15.06 | 15.03 | 15.05 | | |
| 5 | 64QAM | 12 | 7 | 15.08 | 15.03 | 14.94 | 16.5 | 0 |
| 5 | 64QAM | 12 | 13 | 15.05 | 14.97 | 14.92 | | |
| 5 | 64QAM | 25 | 0 | 15.04 | 15.08 | 14.88 | | |
| 5 | 256QAM | 1 | 0 | 15.02 | 14.95 | 15.09 | | |
| 5 | 256QAM | 1 | 12 | 15.06 | 15.08 | 15.10 | 16.5 | 0 |
| 5 | 256QAM | 1 | 24 | 15.02 | 15.07 | 15.08 | | |
| 5 | 256QAM | 12 | 0 | 15.04 | 15.03 | 15.12 | | |
| 5 | 256QAM | 12 | 7 | 15.03 | 15.06 | 14.97 | 16.5 | 0 |
| 5 | 256QAM | 12 | 13 | 15.03 | 15.13 | 15.02 | | |
| 5 | 256QAM | 25 | 0 | 15.05 | 14.98 | 15.01 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 14.98 | 15.02 | 15.05 | | |
| 3 | QPSK | 1 | 8 | 14.89 | 14.87 | 14.76 | 16.5 | 0 |
| 3 | QPSK | 1 | 14 | 14.87 | 14.90 | 14.83 | | |
| 3 | QPSK | 8 | 0 | 14.87 | 14.95 | 14.87 | | |
| 3 | QPSK | 8 | 4 | 14.78 | 14.99 | 14.81 | 16.5 | 0 |
| 3 | QPSK | 8 | 7 | 14.94 | 14.91 | 14.84 | | |
| 3 | QPSK | 15 | 0 | 14.83 | 14.93 | 14.91 | | |
| 3 | 16QAM | 1 | 0 | 14.86 | 14.87 | 14.87 | | |
| 3 | 16QAM | 1 | 8 | 14.82 | 14.84 | 14.79 | 16.5 | 0 |
| 3 | 16QAM | 1 | 14 | 14.95 | 14.85 | 14.76 | | |
| 3 | 16QAM | 8 | 0 | 14.93 | 14.89 | 14.88 | | |
| 3 | 16QAM | 8 | 4 | 14.79 | 14.79 | 14.81 | 16.5 | 0 |
| 3 | 16QAM | 8 | 7 | 14.99 | 14.92 | 15.01 | | |
| 3 | 16QAM | 15 | 0 | 15.12 | 14.97 | 15.07 | | |
| 3 | 64QAM | 1 | 0 | 15.01 | 15.18 | 15.03 | | |
| 3 | 64QAM | 1 | 8 | 15.00 | 15.04 | 15.02 | 16.5 | 0 |
| 3 | 64QAM | 1 | 14 | 15.10 | 15.00 | 14.89 | | |
| 3 | 64QAM | 8 | 0 | 15.12 | 14.96 | 15.08 | | |
| 3 | 64QAM | 8 | 4 | 15.07 | 15.07 | 14.98 | 16.5 | 0 |
| 3 | 64QAM | 8 | 7 | 15.01 | 15.03 | 14.97 | | |
| 3 | 64QAM | 15 | 0 | 15.11 | 15.08 | 14.87 | | |
| 3 | 256QAM | 1 | 0 | 15.01 | 14.99 | 15.02 | | |
| 3 | 256QAM | 1 | 8 | 14.94 | 15.04 | 15.03 | 16.5 | 0 |
| 3 | 256QAM | 1 | 14 | 15.10 | 15.06 | 15.04 | | |
| 3 | 256QAM | 8 | 0 | 15.05 | 15.04 | 15.15 | | |
| 3 | 256QAM | 8 | 4 | 15.05 | 15.05 | 15.08 | 16.5 | 0 |
| 3 | 256QAM | 8 | 7 | 15.07 | 15.17 | 14.96 | | |
| 3 | 256QAM | 15 | 0 | 15.02 | 15.10 | 15.06 | | |
| Channel | | | | 26047 | 26340 | 26633 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 14.94 | 15.00 | 14.93 | | |
| 1.4 | QPSK | 1 | 3 | 14.87 | 14.98 | 14.85 | | |
| 1.4 | QPSK | 1 | 5 | 14.86 | 14.84 | 14.81 | 16.5 | 0 |
| 1.4 | QPSK | 3 | 0 | 14.87 | 14.99 | 14.82 | | |
| 1.4 | QPSK | 3 | 1 | 14.79 | 14.92 | 14.92 | | |
| 1.4 | QPSK | 3 | 3 | 14.88 | 14.88 | 14.83 | | |
| 1.4 | QPSK | 6 | 0 | 14.90 | 15.00 | 14.84 | 16.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 14.94 | 14.83 | 14.79 | | |
| 1.4 | 16QAM | 1 | 3 | 14.82 | 14.87 | 14.90 | | |
| 1.4 | 16QAM | 1 | 5 | 14.89 | 14.80 | 14.78 | 16.5 | 0 |
| 1.4 | 16QAM | 3 | 0 | 14.91 | 14.97 | 14.90 | | |
| 1.4 | 16QAM | 3 | 1 | 14.79 | 14.89 | 14.92 | | |
| 1.4 | 16QAM | 3 | 3 | 15.11 | 14.93 | 14.92 | | |
| 1.4 | 16QAM | 6 | 0 | 15.04 | 15.11 | 15.08 | 16.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.01 | 15.16 | 15.02 | | |
| 1.4 | 64QAM | 1 | 3 | 15.11 | 15.01 | 15.01 | | |
| 1.4 | 64QAM | 1 | 5 | 15.06 | 15.11 | 14.98 | 16.5 | 0 |
| 1.4 | 64QAM | 3 | 0 | 15.10 | 15.05 | 15.07 | | |
| 1.4 | 64QAM | 3 | 1 | 15.02 | 15.04 | 14.96 | | |
| 1.4 | 64QAM | 3 | 3 | 15.04 | 15.08 | 14.92 | | |
| 1.4 | 64QAM | 6 | 0 | 15.10 | 15.10 | 14.90 | 16.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 15.02 | 14.98 | 15.00 | | |
| 1.4 | 256QAM | 1 | 3 | 14.98 | 15.10 | 15.02 | | |
| 1.4 | 256QAM | 1 | 5 | 15.06 | 15.03 | 15.07 | | |
| 1.4 | 256QAM | 3 | 0 | 14.97 | 15.09 | 15.02 | | |
| 1.4 | 256QAM | 3 | 1 | 15.01 | 14.98 | 15.04 | | |
| 1.4 | 256QAM | 3 | 3 | 15.03 | 15.16 | 15.06 | | |
| 1.4 | 256QAM | 6 | 0 | 15.04 | 15.06 | 14.98 | 16.5 | 0 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 15.60 | 15.61 | 15.72 | 17 | 0 |
| 20 | QPSK | 1 | 49 | 15.78 | 15.78 | 15.65 | | |
| 20 | QPSK | 1 | 99 | 15.76 | 15.74 | 15.67 | | |
| 20 | QPSK | 50 | 0 | 15.71 | 15.68 | 15.75 | | |
| 20 | QPSK | 50 | 24 | 15.67 | 15.67 | 15.48 | | |
| 20 | QPSK | 50 | 50 | 15.62 | 15.68 | 15.72 | | |
| 20 | QPSK | 100 | 0 | 15.62 | 15.65 | 15.67 | | |
| 20 | 16QAM | 1 | 0 | 15.56 | 15.59 | 15.50 | | |
| 20 | 16QAM | 1 | 49 | 15.52 | 15.63 | 15.54 | 17 | 0 |
| 20 | 16QAM | 1 | 99 | 15.58 | 15.68 | 15.58 | | |
| 20 | 16QAM | 50 | 0 | 15.55 | 15.75 | 15.65 | | |
| 20 | 16QAM | 50 | 24 | 15.47 | 15.64 | 15.50 | 17 | 0 |
| 20 | 16QAM | 50 | 50 | 15.72 | 15.62 | 15.73 | | |
| 20 | 16QAM | 100 | 0 | 15.77 | 15.72 | 15.68 | | |
| 20 | 64QAM | 1 | 0 | 15.68 | 15.78 | 15.71 | | |
| 20 | 64QAM | 1 | 49 | 15.80 | 15.81 | 15.73 | 17 | 0 |
| 20 | 64QAM | 1 | 99 | 15.71 | 15.81 | 15.70 | | |
| 20 | 64QAM | 50 | 0 | 15.68 | 15.81 | 15.80 | | |
| 20 | 64QAM | 50 | 24 | 15.74 | 15.72 | 15.81 | 17 | 0 |
| 20 | 64QAM | 50 | 50 | 15.63 | 15.72 | 15.54 | | |
| 20 | 64QAM | 100 | 0 | 15.71 | 15.80 | 15.70 | | |
| 20 | 256QAM | 1 | 0 | 15.63 | 15.77 | 15.65 | | |
| 20 | 256QAM | 1 | 49 | 15.63 | 15.83 | 15.64 | 17 | 0 |
| 20 | 256QAM | 1 | 99 | 15.53 | 15.82 | 15.74 | | |
| 20 | 256QAM | 50 | 0 | 15.77 | 15.75 | 15.66 | | |
| 20 | 256QAM | 50 | 24 | 15.67 | 15.68 | 15.65 | 17 | 0 |
| 20 | 256QAM | 50 | 50 | 15.69 | 15.75 | 15.68 | | |
| 20 | 256QAM | 100 | 0 | 15.65 | 15.82 | 15.82 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 15.68 | 15.80 | 15.49 | 17 | 0 |
| 15 | QPSK | 1 | 37 | 15.59 | 15.57 | 15.49 | | |
| 15 | QPSK | 1 | 74 | 15.54 | 15.63 | 15.50 | | |
| 15 | QPSK | 36 | 0 | 15.53 | 15.47 | 15.30 | | |
| 15 | QPSK | 36 | 20 | 15.53 | 15.43 | 15.52 | 17 | 0 |
| 15 | QPSK | 36 | 39 | 15.38 | 15.43 | 15.52 | | |
| 15 | QPSK | 75 | 0 | 15.40 | 15.70 | 15.44 | | |
| 15 | 16QAM | 1 | 0 | 15.32 | 15.38 | 15.34 | | |
| 15 | 16QAM | 1 | 37 | 15.35 | 15.40 | 15.32 | 17 | 0 |
| 15 | 16QAM | 1 | 74 | 15.40 | 15.50 | 15.36 | | |
| 15 | 16QAM | 36 | 0 | 15.33 | 15.43 | 15.21 | | |
| 15 | 16QAM | 36 | 20 | 15.34 | 15.41 | 15.26 | 17 | 0 |
| 15 | 16QAM | 36 | 39 | 15.66 | 15.51 | 15.76 | | |
| 15 | 16QAM | 75 | 0 | 15.60 | 15.65 | 15.70 | | |
| 15 | 64QAM | 1 | 0 | 15.64 | 15.71 | 15.73 | | |
| 15 | 64QAM | 1 | 37 | 15.62 | 15.78 | 15.71 | 17 | 0 |
| 15 | 64QAM | 1 | 74 | 15.70 | 15.79 | 15.63 | | |
| 15 | 64QAM | 36 | 0 | 15.72 | 15.90 | 15.75 | | |
| 15 | 64QAM | 36 | 20 | 15.77 | 15.66 | 15.86 | 17 | 0 |
| 15 | 64QAM | 36 | 39 | 15.54 | 15.75 | 15.48 | | |
| 15 | 64QAM | 75 | 0 | 15.75 | 15.77 | 15.61 | | |
| 15 | 256QAM | 1 | 0 | 15.66 | 15.71 | 15.65 | | |
| 15 | 256QAM | 1 | 37 | 15.60 | 15.75 | 15.65 | 17 | 0 |
| 15 | 256QAM | 1 | 74 | 15.44 | 15.87 | 15.75 | | |
| 15 | 256QAM | 36 | 0 | 15.70 | 15.66 | 15.67 | | |
| 15 | 256QAM | 36 | 20 | 15.68 | 15.60 | 15.61 | 17 | 0 |
| 15 | 256QAM | 36 | 39 | 15.65 | 15.73 | 15.70 | | |
| 15 | 256QAM | 75 | 0 | 15.65 | 15.76 | 15.86 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 15.67 | 15.77 | 15.48 | 17 | 0 |
| 10 | QPSK | 1 | 25 | 15.65 | 15.57 | 15.49 | | |
| 10 | QPSK | 1 | 49 | 15.50 | 15.58 | 15.52 | | |
| 10 | QPSK | 25 | 0 | 15.48 | 15.75 | 15.61 | | |
| 10 | QPSK | 25 | 12 | 15.42 | 15.53 | 15.31 | 17 | 0 |
| 10 | QPSK | 25 | 25 | 15.37 | 15.48 | 15.55 | | |
| 10 | QPSK | 50 | 0 | 15.38 | 15.72 | 15.52 | | |
| 10 | 16QAM | 1 | 0 | 15.36 | 15.36 | 15.32 | | |
| 10 | 16QAM | 1 | 25 | 15.29 | 15.44 | 15.43 | 17 | 0 |
| 10 | 16QAM | 1 | 49 | 15.44 | 15.51 | 15.47 | | |
| 10 | 16QAM | 25 | 0 | 15.38 | 15.49 | 15.29 | | |
| 10 | 16QAM | 25 | 12 | 15.27 | 15.39 | 15.27 | 17 | 0 |
| 10 | 16QAM | 25 | 25 | 15.63 | 15.38 | 15.75 | | |
| 10 | 16QAM | 50 | 0 | 15.68 | 15.63 | 15.64 | | |
| 10 | 64QAM | 1 | 0 | 15.69 | 15.74 | 15.67 | | |
| 10 | 64QAM | 1 | 25 | 15.64 | 15.64 | 15.74 | 17 | 0 |
| 10 | 64QAM | 1 | 49 | 15.75 | 15.81 | 15.65 | | |
| 10 | 64QAM | 25 | 0 | 15.72 | 15.61 | 15.72 | | |
| 10 | 64QAM | 25 | 12 | 15.79 | 15.67 | 15.77 | 17 | 0 |
| 10 | 64QAM | 25 | 25 | 15.63 | 15.64 | 15.46 | | |
| 10 | 64QAM | 50 | 0 | 15.72 | 15.82 | 15.67 | | |
| 10 | 256QAM | 1 | 0 | 15.67 | 15.70 | 15.66 | | |
| 10 | 256QAM | 1 | 25 | 15.66 | 15.83 | 15.61 | 17 | 0 |
| 10 | 256QAM | 1 | 49 | 15.48 | 15.85 | 15.69 | | |
| 10 | 256QAM | 25 | 0 | 15.76 | 15.77 | 15.60 | | |
| 10 | 256QAM | 25 | 12 | 15.64 | 15.60 | 15.56 | 17 | 0 |
| 10 | 256QAM | 25 | 25 | 15.60 | 15.68 | 15.62 | | |
| 10 | 256QAM | 50 | 0 | 15.68 | 15.73 | 15.75 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 15.63 | 15.68 | 15.56 | | |
| 5 | QPSK | 1 | 12 | 15.53 | 15.65 | 15.51 | 17 | 0 |
| 5 | QPSK | 1 | 24 | 15.48 | 15.51 | 15.56 | | |
| 5 | QPSK | 12 | 0 | 15.45 | 15.67 | 15.58 | | |
| 5 | QPSK | 12 | 7 | 15.44 | 15.47 | 15.31 | 17 | 0 |
| 5 | QPSK | 12 | 13 | 15.38 | 15.48 | 15.33 | | |
| 5 | QPSK | 25 | 0 | 15.39 | 15.73 | 15.47 | | |
| 5 | 16QAM | 1 | 0 | 15.68 | 15.74 | 15.65 | | |
| 5 | 16QAM | 1 | 12 | 15.30 | 15.41 | 15.41 | 17 | 0 |
| 5 | 16QAM | 1 | 24 | 15.38 | 15.53 | 15.35 | | |
| 5 | 16QAM | 12 | 0 | 15.31 | 15.53 | 15.25 | | |
| 5 | 16QAM | 12 | 7 | 15.30 | 15.41 | 15.27 | 17 | 0 |
| 5 | 16QAM | 12 | 13 | 15.72 | 15.38 | 15.72 | | |
| 5 | 16QAM | 25 | 0 | 15.76 | 15.71 | 15.66 | | |
| 5 | 64QAM | 1 | 0 | 15.70 | 15.80 | 15.62 | | |
| 5 | 64QAM | 1 | 12 | 15.81 | 15.62 | 15.64 | 17 | 0 |
| 5 | 64QAM | 1 | 24 | 15.73 | 15.64 | 15.66 | | |
| 5 | 64QAM | 12 | 0 | 15.61 | 15.90 | 15.75 | | |
| 5 | 64QAM | 12 | 7 | 15.66 | 15.69 | 15.85 | 17 | 0 |
| 5 | 64QAM | 12 | 13 | 15.62 | 15.75 | 15.49 | | |
| 5 | 64QAM | 25 | 0 | 15.73 | 15.80 | 15.70 | | |
| 5 | 256QAM | 1 | 0 | 15.68 | 15.74 | 15.65 | | |
| 5 | 256QAM | 1 | 12 | 15.61 | 15.82 | 15.56 | 17 | 0 |
| 5 | 256QAM | 1 | 24 | 15.50 | 15.74 | 15.66 | | |
| 5 | 256QAM | 12 | 0 | 15.74 | 15.74 | 15.66 | | |
| 5 | 256QAM | 12 | 7 | 15.65 | 15.61 | 15.58 | 17 | 0 |
| 5 | 256QAM | 12 | 13 | 15.69 | 15.72 | 15.60 | | |
| 5 | 256QAM | 25 | 0 | 15.67 | 15.83 | 15.74 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 15.58 | 15.66 | 15.61 | | |
| 3 | QPSK | 1 | 8 | 15.59 | 15.63 | 15.40 | 17 | 0 |
| 3 | QPSK | 1 | 14 | 15.53 | 15.58 | 15.46 | | |
| 3 | QPSK | 8 | 0 | 15.58 | 15.77 | 15.60 | | |
| 3 | QPSK | 8 | 4 | 15.47 | 15.43 | 15.27 | 17 | 0 |
| 3 | QPSK | 8 | 7 | 15.44 | 15.55 | 15.52 | | |
| 3 | QPSK | 15 | 0 | 15.48 | 15.64 | 15.52 | | |
| 3 | 16QAM | 1 | 0 | 15.33 | 15.38 | 15.37 | | |
| 3 | 16QAM | 1 | 8 | 15.39 | 15.51 | 15.32 | 17 | 0 |
| 3 | 16QAM | 1 | 14 | 15.42 | 15.51 | 15.43 | | |
| 3 | 16QAM | 8 | 0 | 15.41 | 15.44 | 15.32 | | |
| 3 | 16QAM | 8 | 4 | 15.22 | 15.43 | 15.33 | 17 | 0 |
| 3 | 16QAM | 8 | 7 | 15.74 | 15.44 | 15.71 | | |
| 3 | 16QAM | 15 | 0 | 15.70 | 15.73 | 15.74 | | |
| 3 | 64QAM | 1 | 0 | 15.63 | 15.70 | 15.70 | | |
| 3 | 64QAM | 1 | 8 | 15.79 | 15.77 | 15.75 | 17 | 0 |
| 3 | 64QAM | 1 | 14 | 15.74 | 15.80 | 15.70 | | |
| 3 | 64QAM | 8 | 0 | 15.72 | 15.78 | 15.71 | | |
| 3 | 64QAM | 8 | 4 | 15.69 | 15.73 | 15.75 | 17 | 0 |
| 3 | 64QAM | 8 | 7 | 15.58 | 15.76 | 15.48 | | |
| 3 | 64QAM | 15 | 0 | 15.71 | 15.82 | 15.74 | | |
| 3 | 256QAM | 1 | 0 | 15.62 | 15.76 | 15.70 | | |
| 3 | 256QAM | 1 | 8 | 15.57 | 15.81 | 15.62 | 17 | 0 |
| 3 | 256QAM | 1 | 14 | 15.47 | 15.79 | 15.75 | | |
| 3 | 256QAM | 8 | 0 | 15.73 | 15.72 | 15.67 | | |
| 3 | 256QAM | 8 | 4 | 15.71 | 15.63 | 15.70 | 17 | 0 |
| 3 | 256QAM | 8 | 7 | 15.64 | 15.76 | 15.71 | | |
| 3 | 256QAM | 15 | 0 | 15.59 | 15.81 | 15.85 | | |
| Channel | | | | 26047 | 26340 | 26633 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 15.65 | 15.75 | 15.58 | | |
| 1.4 | QPSK | 1 | 3 | 15.58 | 15.59 | 15.54 | | |
| 1.4 | QPSK | 1 | 5 | 15.51 | 15.63 | 15.52 | 17 | 0 |
| 1.4 | QPSK | 3 | 0 | 15.51 | 15.72 | 15.52 | | |
| 1.4 | QPSK | 3 | 1 | 15.50 | 15.44 | 15.23 | | |
| 1.4 | QPSK | 3 | 3 | 15.50 | 15.50 | 15.39 | | |
| 1.4 | QPSK | 6 | 0 | 15.45 | 15.69 | 15.51 | 17 | 0 |
| 1.4 | 16QAM | 1 | 0 | 15.33 | 15.44 | 15.34 | | |
| 1.4 | 16QAM | 1 | 3 | 15.37 | 15.45 | 15.37 | | |
| 1.4 | 16QAM | 1 | 5 | 15.33 | 15.50 | 15.41 | 17 | 0 |
| 1.4 | 16QAM | 3 | 0 | 15.35 | 15.42 | 15.24 | | |
| 1.4 | 16QAM | 3 | 1 | 15.24 | 15.47 | 15.34 | | |
| 1.4 | 16QAM | 3 | 3 | 15.74 | 15.42 | 15.56 | | |
| 1.4 | 16QAM | 6 | 0 | 15.77 | 15.65 | 15.70 | 17 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.62 | 15.70 | 15.65 | | |
| 1.4 | 64QAM | 1 | 3 | 15.63 | 15.72 | 15.73 | | |
| 1.4 | 64QAM | 1 | 5 | 15.71 | 15.75 | 15.74 | 17 | 0 |
| 1.4 | 64QAM | 3 | 0 | 15.65 | 15.84 | 15.84 | | |
| 1.4 | 64QAM | 3 | 1 | 15.66 | 15.74 | 15.73 | | |
| 1.4 | 64QAM | 3 | 3 | 15.56 | 15.75 | 15.57 | | |
| 1.4 | 64QAM | 6 | 0 | 15.67 | 15.76 | 15.70 | 17 | 0 |
| 1.4 | 256QAM | 1 | 0 | 15.63 | 15.77 | 15.57 | | |
| 1.4 | 256QAM | 1 | 3 | 15.65 | 15.81 | 15.58 | | |
| 1.4 | 256QAM | 1 | 5 | 15.51 | 15.64 | 15.65 | 17 | 0 |
| 1.4 | 256QAM | 3 | 0 | 15.73 | 15.77 | 15.65 | | |
| 1.4 | 256QAM | 3 | 1 | 15.61 | 15.69 | 15.57 | | |
| 1.4 | 256QAM | 3 | 3 | 15.66 | 15.69 | 15.72 | | |
| 1.4 | 256QAM | 6 | 0 | 15.69 | 15.84 | 15.74 | 17 | 0 |

## Band 26_Ant 0

| 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 | | | | 26705 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 839.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 21.41 | 21.61 | 21.42 | 23.2 | 0 |
| 15 | QPSK | 1 | 37 | 21.30 | 21.33 | 21.45 | | |
| 15 | QPSK | 1 | 74 | 21.40 | 21.43 | 21.38 | | |
| 15 | QPSK | 36 | 0 | 21.30 | 21.57 | 21.42 | | |
| 15 | QPSK | 36 | 20 | 21.37 | 21.26 | 21.35 | 23 | 0.2 |
| 15 | QPSK | 36 | 39 | 21.34 | 21.33 | 21.35 | | |
| 15 | QPSK | 75 | 0 | 21.32 | 21.46 | 21.41 | | |
| 15 | 16QAM | 1 | 0 | 21.46 | 21.52 | 21.55 | | |
| 15 | 16QAM | 1 | 37 | 21.45 | 21.43 | 21.48 | 23 | 0.2 |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.48 | 21.46 | | |
| 15 | 16QAM | 36 | 0 | 20.40 | 20.32 | 20.33 | | |
| 15 | 16QAM | 36 | 20 | 20.44 | 20.36 | 20.35 | 22 | 1.2 |
| 15 | 16QAM | 36 | 39 | 20.42 | 20.30 | 20.33 | | |
| 15 | 16QAM | 75 | 0 | 20.41 | 20.44 |

## Band 66_Ant 0

| 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 | 16.38 | 16.67 | 16.63 | 18 | 0 |
| 20 | QPSK | 1 | 49 | 16.24 | 16.49 | 16.56 | | |
| 20 | QPSK | 1 | 99 | 16.18 | 16.50 | 16.46 | | |
| 20 | QPSK | 50 | 0 | 16.31 | 16.61 | 16.54 | 18 | 0 |
| 20 | QPSK | 50 | 24 | 16.21 | 16.57 | 16.48 | | |
| 20 | QPSK | 50 | 50 | 16.24 | 16.56 | 16.53 | | |
| 20 | QPSK | 100 | 0 | 16.27 | 16.58 | 16.45 | | |
| 20 | 16QAM | 1 | 0 | 16.31 | 16.53 | 16.53 | 18 | 0 |
| 20 | 16QAM | 1 | 49 | 16.19 | 16.61 | 16.54 | | |
| 20 | 16QAM | 1 | 99 | 16.28 | 16.58 | 16.47 | | |
| 20 | 16QAM | 50 | 0 | 16.27 | 16.48 | 16.57 | 18 | 0 |
| 20 | 16QAM | 50 | 24 | 16.28 | 16.48 | 16.47 | | |
| 20 | 16QAM | 50 | 50 | 16.19 | 16.61 | 16.44 | | |
| 20 | 16QAM | 100 | 0 | 16.27 | 16.54 | 16.46 | | |
| 20 | 64QAM | 1 | 0 | 16.24 | 16.49 | 16.44 | 18 | 0 |
| 20 | 64QAM | 1 | 49 | 16.23 | 16.49 | 16.44 | | |
| 20 | 64QAM | 1 | 99 | 16.28 | 16.56 | 16.55 | | |
| 20 | 64QAM | 50 | 0 | 16.22 | 16.49 | 16.43 | 18 | 0 |
| 20 | 64QAM | 50 | 24 | 16.30 | 16.60 | 16.57 | | |
| 20 | 64QAM | 50 | 50 | 16.21 | 16.57 | 16.49 | | |
| 20 | 64QAM | 100 | 0 | 16.22 | 16.50 | 16.56 | | |
| 20 | 256QAM | 1 | 0 | 16.28 | 16.51 | 16.49 | 18 | 0 |
| 20 | 256QAM | 1 | 49 | 16.24 | 16.52 | 16.51 | | |
| 20 | 256QAM | 1 | 99 | 16.29 | 16.53 | 16.49 | | |
| 20 | 256QAM | 50 | 0 | 16.30 | 16.57 | 16.51 | 18 | 0 |
| 20 | 256QAM | 50 | 24 | 16.32 | 16.55 | 16.45 | | |
| 20 | 256QAM | 50 | 50 | 16.25 | 16.58 | 16.43 | | |
| 20 | 256QAM | 100 | 0 | 16.18 | 16.56 | 16.49 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 16.30 | 16.60 | 16.52 | 18 | 0 |
| 15 | QPSK | 1 | 37 | 16.16 | 16.43 | 16.37 | | |
| 15 | QPSK | 1 | 74 | 16.07 | 16.33 | 16.31 | | |
| 15 | QPSK | 36 | 0 | 16.23 | 16.51 | 16.48 | 18 | 0 |
| 15 | QPSK | 36 | 20 | 16.05 | 16.46 | 16.29 | | |
| 15 | QPSK | 36 | 39 | 16.11 | 16.43 | 16.40 | | |
| 15 | QPSK | 75 | 0 | 16.19 | 16.41 | 16.29 | | |
| 15 | 16QAM | 1 | 0 | 16.20 | 16.40 | 16.42 | 18 | 0 |
| 15 | 16QAM | 1 | 37 | 16.00 | 16.43 | 16.38 | | |
| 15 | 16QAM | 1 | 74 | 16.22 | 16.48 | 16.27 | | |
| 15 | 16QAM | 36 | 0 | 16.14 | 16.30 | 16.50 | 18 | 0 |
| 15 | 16QAM | 36 | 20 | 16.18 | 16.38 | 16.30 | | |
| 15 | 16QAM | 36 | 39 | 16.15 | 16.53 | 16.51 | | |
| 15 | 16QAM | 75 | 0 | 16.27 | 16.55 | 16.54 | | |
| 15 | 64QAM | 1 | 0 | 16.33 | 16.48 | 16.46 | 18 | 0 |
| 15 | 64QAM | 1 | 37 | 16.19 | 16.55 | 16.40 | | |
| 15 | 64QAM | 1 | 74 | 16.27 | 16.51 | 16.62 | | |
| 15 | 64QAM | 36 | 0 | 16.28 | 16.58 | 16.40 | 18 | 0 |
| 15 | 64QAM | 36 | 20 | 16.38 | 16.57 | 16.58 | | |
| 15 | 64QAM | 36 | 39 | 16.26 | 16.57 | 16.48 | | |
| 15 | 64QAM | 75 | 0 | 16.28 | 16.55 | 16.55 | | |
| 15 | 256QAM | 1 | 0 | 16.31 | 16.59 | 16.49 | 18 | 0 |
| 15 | 256QAM | 1 | 37 | 16.24 | 16.49 | 16.55 | | |
| 15 | 256QAM | 1 | 74 | 16.35 | 16.63 | 16.59 | | |
| 15 | 256QAM | 36 | 0 | 16.31 | 16.53 | 16.47 | 18 | 0 |
| 15 | 256QAM | 36 | 20 | 16.36 | 16.64 | 16.44 | | |
| 15 | 256QAM | 36 | 39 | 16.28 | 16.58 | 16.39 | | |
| 15 | 256QAM | 75 | 0 | 16.19 | 16.64 | 16.52 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 16.27 | 16.58 | 16.53 | 18 | 0 |
| 10 | QPSK | 1 | 25 | 16.16 | 16.31 | 16.44 | | |
| 10 | QPSK | 1 | 49 | 16.05 | 16.35 | 16.30 | | |
| 10 | QPSK | 25 | 0 | 16.22 | 16.43 | 16.44 | 18 | 0 |
| 10 | QPSK | 25 | 12 | 16.01 | 16.38 | 16.36 | | |
| 10 | QPSK | 25 | 25 | 16.15 | 16.42 | 16.36 | | |
| 10 | QPSK | 50 | 0 | 16.20 | 16.51 | 16.31 | | |
| 10 | 16QAM | 1 | 0 | 16.11 | 16.44 | 16.42 | 18 | 0 |
| 10 | 16QAM | 1 | 25 | 16.05 | 16.43 | 16.42 | | |
| 10 | 16QAM | 1 | 49 | 16.14 | 16.52 | 16.31 | | |
| 10 | 16QAM | 25 | 0 | 16.07 | 16.28 | 16.44 | 18 | 0 |
| 10 | 16QAM | 25 | 12 | 16.14 | 16.36 | 16.28 | | |
| 10 | 16QAM | 25 | 25 | 16.25 | 16.41 | 16.51 | | |
| 10 | 16QAM | 50 | 0 | 16.30 | 16.56 | 16.42 | | |
| 10 | 64QAM | 1 | 0 | 16.22 | 16.49 | 16.50 | 18 | 0 |
| 10 | 64QAM | 1 | 25 | 16.32 | 16.47 | 16.41 | | |
| 10 | 64QAM | 1 | 49 | 16.32 | 16.54 | 16.62 | | |
| 10 | 64QAM | 25 | 0 | 16.32 | 16.48 | 16.52 | 18 | 0 |
| 10 | 64QAM | 25 | 12 | 16.38 | 16.57 | 16.55 | | |
| 10 | 64QAM | 25 | 25 | 16.21 | 16.62 | 16.53 | | |
| 10 | 64QAM | 50 | 0 | 16.21 | 16.48 | 16.53 | | |
| 10 | 256QAM | 1 | 0 | 16.25 | 16.60 | 16.56 | 18 | 0 |
| 10 | 256QAM | 1 | 25 | 16.22 | 16.50 | 16.60 | | |
| 10 | 256QAM | 1 | 49 | 16.37 | 16.55 | 16.59 | | |
| 10 | 256QAM | 25 | 0 | 16.35 | 16.68 | 16.56 | 18 | 0 |
| 10 | 256QAM | 25 | 12 | 16.39 | 16.62 | 16.54 | | |
| 10 | 256QAM | 25 | 25 | 16.26 | 16.66 | 16.45 | | |
| 10 | 256QAM | 50 | 0 | 16.28 | 16.62 | 16.48 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 16.20 | 16.50 | 16.45 | 18 | 0 |
| 5 | QPSK | 1 | 12 | 16.17 | 16.36 | 16.41 | | |
| 5 | QPSK | 1 | 24 | 16.08 | 16.39 | 16.36 | | |
| 5 | QPSK | 12 | 0 | 16.18 | 16.51 | 16.39 | 18 | 0 |
| 5 | QPSK | 12 | 7 | 16.03 | 16.47 | 16.29 | | |
| 5 | QPSK | 12 | 13 | 16.17 | 16.42 | 16.38 | | |
| 5 | QPSK | 25 | 0 | 16.20 | 16.46 | 16.31 | | |
| 5 | 16QAM | 1 | 0 | 16.22 | 16.44 | 16.40 | 18 | 0 |
| 5 | 16QAM | 1 | 12 | 16.08 | 16.54 | 16.41 | | |
| 5 | 16QAM | 1 | 24 | 16.14 | 16.41 | 16.36 | | |
| 5 | 16QAM | 12 | 0 | 16.14 | 16.35 | 16.38 | 18 | 0 |
| 5 | 16QAM | 12 | 7 | 16.22 | 16.34 | 16.40 | | |
| 5 | 16QAM | 12 | 13 | 16.15 | 16.51 | 16.40 | | |
| 5 | 16QAM | 25 | 0 | 16.24 | 16.61 | 16.42 | | |
| 5 | 64QAM | 1 | 0 | 16.29 | 16.45 | 16.45 | 18 | 0 |
| 5 | 64QAM | 1 | 12 | 16.31 | 16.45 | 16.41 | | |
| 5 | 64QAM | 1 | 24 | 16.34 | 16.62 | 16.65 | | |
| 5 | 64QAM | 12 | 0 | 16.29 | 16.45 | 16.52 | 18 | 0 |
| 5 | 64QAM | 12 | 7 | 16.39 | 16.57 | 16.67 | | |
| 5 | 64QAM | 12 | 13 | 16.22 | 16.67 | 16.59 | | |
| 5 | 64QAM | 25 | 0 | 16.25 | 16.46 | 16.60 | | |
| 5 | 256QAM | 1 | 0 | 16.37 | 16.60 | 16.56 | 18 | 0 |
| 5 | 256QAM | 1 | 12 | 16.24 | 16.57 | 16.53 | | |
| 5 | 256QAM | 1 | 24 | 16.30 | 16.61 | 16.45 | | |
| 5 | 256QAM | 12 | 0 | 16.28 | 16.53 | 16.50 | 18 | 0 |
| 5 | 256QAM | 12 | 7 | 16.30 | 16.62 | 16.43 | | |
| 5 | 256QAM | 12 | 13 | 16.33 | 16.57 | 16.52 | | |
| 5 | 256QAM | 25 | 0 | 16.24 | 16.57 | 16.53 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 16.20 | 16.51 | 16.48 | 18 | 0 |
| 3 | QPSK | 1 | 8 | 16.04 | 16.43 | 16.46 | | |
| 3 | QPSK | 1 | 14 | 16.09 | 16.37 | 16.27 | | |
| 3 | QPSK | 8 | 0 | 16.16 | 16.42 | 16.34 | 18 | 0 |
| 3 | QPSK | 8 | 4 | 16.12 | 16.37 | 16.31 | | |
| 3 | QPSK | 8 | 7 | 16.18 | 16.47 | 16.40 | | |
| 3 | QPSK | 15 | 0 | 16.20 | 16.45 | 16.38 | | |
| 3 | 16QAM | 1 | 0 | 16.15 | 16.34 | 16.40 | 18 | 0 |
| 3 | 16QAM | 1 | 8 | 16.07 | 16.48 | 16.43 | | |
| 3 | 16QAM | 1 | 14 | 16.12 | 16.47 | 16.28 | | |
| 3 | 16QAM | 8 | 0 | 16.14 | 16.42 | 16.42 | 18 | 0 |
| 3 | 16QAM | 8 | 4 | 16.18 | 16.36 | 16.28 | | |
| 3 | 16QAM | 8 | 7 | 16.25 | 16.46 | 16.48 | | |
| 3 | 16QAM | 15 | 0 | 16.34 | 16.62 | 16.42 | | |
| 3 | 64QAM | 1 | 0 | 16.33 | 16.48 | 16.47 | 18 | 0 |
| 3 | 64QAM | 1 | 8 | 16.22 | 16.47 | 16.43 | | |
| 3 | 64QAM | 1 | 14 | 16.31 | 16.58 | 16.63 | | |
| 3 | 64QAM | 8 | 0 | 16.24 | 16.46 | 16.42 | 18 | 0 |
| 3 | 64QAM | 8 | 4 | 16.31 | 16.66 | 16.59 | | |
| 3 | 64QAM | 8 | 7 | 16.29 | 16.61 | 16.50 | | |
| 3 | 64QAM | 15 | 0 | 16.30 | 16.57 | 16.58 | | |
| 3 | 256QAM | 1 | 0 | 16.36 | 16.60 | 16.55 | 18 | 0 |
| 3 | 256QAM | 1 | 8 | 16.33 | 16.53 | 16.58 | | |
| 3 | 256QAM | 1 | 14 | 16.29 | 16.59 | 16.48 | | |
| 3 | 256QAM | 8 | 0 | 16.28 | 16.59 | 16.52 | 18 | 0 |
| 3 | 256QAM | 8 | 4 | 16.31 | 16.54 | 16.46 | | |
| 3 | 256QAM | 8 | 7 | 16.24 | 16.65 | 16.48 | | |
| 3 | 256QAM | 15 | 0 | 16.22 | 16.59 | 16.51 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 16.32 | 16.49 | 16.57 | 18 | 0 |
| 1.4 | QPSK | 1 | 3 | 16.14 | 16.39 | 16.38 | | |
| 1.4 | QPSK | 1 | 5 | 16.07 | 16.37 | 16.29 | | |
| 1.4 | QPSK | 3 | 0 | 16.15 | 16.49 | 16.42 | | |
| 1.4 | QPSK | 3 | 1 | 16.04 | 16.38 | 16.40 | | |
| 1.4 | QPSK | 3 | 3 | 16.05 | 16.42 | 16.38 | | |
| 1.4 | QPSK | 6 | 0 | 16.20 | 16.47 | 16.30 | 18 | 0 |
| 1.4 | 16QAM | 1 | 0 | 16.16 | 16.43 | 16.45 | 18 | 0 |
| 1.4 | 16QAM | 1 | 3 | 16.09 | 16.43 | 16.40 | | |
| 1.4 | 16QAM | 1 | 5 | 16.09 | 16.51 | 16.36 | | |
| 1.4 | 16QAM | 3 | 0 | 16.14 | 16.29 | 16.43 | | |
| 1.4 | 16QAM | 3 | 1 | 16.18 | 16.34 | 16.29 | | |
| 1.4 | 16QAM | 3 | 3 | 16.25 | 16.44 | 16.43 | | |
| 1.4 | 16QAM | 6 | 0 | 16.23 | 16.60 | 16.54 | 18 | 0 |
| 1.4 | 64QAM | 1 | 0 | 16.29 | 16.45 | 16.53 | 18 | 0 |
| 1.4 | 64QAM | 1 | 3 | 16.28 | 16.51 | 16.47 | | |
| 1.4 | 64QAM | 1 | 5 | 16.35 | 16.56 | 16.60 | | |
| 1.4 | 64QAM | 3 | 0 | 16.22 | 16.57 | 16.46 | | |
| 1.4 | 64QAM | 3 | 1 | 16.30 | 16.65 | 16.58 | | |
| 1.4 | 64QAM | 3 | 3 | 16.28 | 16.53 | 16.49 | | |
| 1.4 | 64QAM | 6 | 0 | 16.19 | 16.49 | 16.65 | 18 | 0 |
| 1.4 | 256QAM | 1 | 0 | 16.28 | 16.54 | 16.47 | 18 | 0 |
| 1.4 | 256QAM | 1 | 3 | 16.31 | 16.49 | 16.54 | | |
| 1.4 | 256QAM | 1 | 5 | 16.32 | 16.58 | 16.50 | | |
| 1.4 | 256QAM | 3 | 0 | 16.32 | 16.60 | 16.57 | | |
| 1.4 | 256QAM | 3 | 1 | 16.30 | 16.59 | 16.48 | | |
| 1.4 | 256QAM | 3 | 3 | 16.24 | 16.63 | 16.50 | | |
| 1.4 | 256QAM | 6 | 0 | 16.19 | 16.55 | 16.56 | 18 | 0 |

## Band 66_Ant 4

| 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 | 15.09 | 15.13 | 15.02 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 14.99 | 14.95 | 14.95 | | |
| 20 | QPSK | 1 | 99 | 14.94 | 14.92 | 15.01 | | |
| 20 | QPSK | 50 | 0 | 14.95 | 15.10 | 14.95 | 16.5 | 0 |
| 20 | QPSK | 50 | 24 | 14.95 | 14.89 | 14.90 | | |
| 20 | QPSK | 50 | 50 | 14.87 | 14.95 | 14.97 | | |
| 20 | QPSK | 100 | 0 | 14.95 | 15.07 | 14.93 | | |
| 20 | 16QAM | 1 | 0 | 14.96 | 14.85 | 14.92 | 16.5 | 0 |
| 20 | 16QAM | 1 | 49 | 15.09 | 14.85 | 14.94 | | |
| 20 | 16QAM | 1 | 99 | 15.00 | 14.93 | 14.79 | | |
| 20 | 16QAM | 50 | 0 | 14.88 | 14.98 | 14.91 | 16.5 | 0 |
| 20 | 16QAM | 50 | 24 | 14.94 | 14.87 | 15.00 | | |
| 20 | 16QAM | 50 | 50 | 15.08 | 14.87 | 15.09 | | |
| 20 | 16QAM | 100 | 0 | 15.06 | 15.12 | 15.05 | | |
| 20 | 64QAM | 1 | 0 | 15.08 | 15.04 | 15.11 | 16.5 | 0 |
| 20 | 64QAM | 1 | 49 | 15.11 | 15.04 | 15.11 | | |
| 20 | 64QAM | 1 | 99 | 15.02 | 15.00 | 15.07 | | |
| 20 | 64QAM | 50 | 0 | 15.04 | 15.04 | 15.05 | 16.5 | 0 |
| 20 | 64QAM | 50 | 24 | 14.95 | 15.04 | 15.09 | | |
| 20 | 64QAM | 50 | 50 | 15.11 | 14.99 | 15.05 | | |
| 20 | 64QAM | 100 | 0 | 15.11 | 15.07 | 15.03 | | |
| 20 | 256QAM | 1 | 0 | 15.11 | 15.05 | 15.10 | 16.5 | 0 |
| 20 | 256QAM | 1 | 49 | 15.06 | 15.05 | 14.97 | | |
| 20 | 256QAM | 1 | 99 | 14.99 | 15.07 | 15.03 | | |
| 20 | 256QAM | 50 | 0 | 15.05 | 14.95 | 14.92 | 16.5 | 0 |
| 20 | 256QAM | 50 | 24 | 15.03 | 14.99 | 15.01 | | |
| 20 | 256QAM | 50 | 50 | 15.00 | 15.07 | 14.90 | | |
| 20 | 256QAM | 100 | 0 | 14.94 | 14.98 | 14.99 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 15.01 | 15.03 | 14.95 | 16.5 | 0 |
| 15 | QPSK | 1 | 37 | 14.90 | 14.89 | 14.78 | | |
| 15 | QPSK | 1 | 74 | 14.91 | 14.77 | 14.84 | | |
| 15 | QPSK | 36 | 0 | 14.88 | 15.06 | 14.83 | 16.5 | 0 |
| 15 | QPSK | 36 | 20 | 14.90 | 14.74 | 14.79 | | |
| 15 | QPSK | 36 | 39 | 14.84 | 14.92 | 14.93 | | |
| 15 | QPSK | 75 | 0 | 14.84 | 15.02 | 14.78 | | |
| 15 | 16QAM | 1 | 0 | 14.89 | 14.72 | 14.85 | 16.5 | 0 |
| 15 | 16QAM | 1 | 37 | 15.05 | 14.82 | 14.81 | | |
| 15 | 16QAM | 1 | 74 | 14.96 | 14.88 | 14.69 | | |
| 15 | 16QAM | 36 | 0 | 14.71 | 14.87 | 14.79 | 16.5 | 0 |
| 15 | 16QAM | 36 | 20 | 14.88 | 14.78 | 14.87 | | |
| 15 | 16QAM | 36 | 39 | 15.12 | 14.72 | 15.04 | | |
| 15 | 16QAM | 75 | 0 | 15.03 | 15.08 | 15.01 | | |
| 15 | 64QAM | 1 | 0 | 15.09 | 15.02 | 15.07 | 16.5 | 0 |
| 15 | 64QAM | 1 | 37 | 14.98 | 15.03 | 14.98 | | |
| 15 | 64QAM | 1 | 74 | 15.04 | 15.03 | 15.03 | | |
| 15 | 64QAM | 36 | 0 | 15.04 | 14.99 | 15.11 | 16.5 | 0 |
| 15 | 64QAM | 36 | 20 | 14.94 | 15.09 | 15.00 | | |
| 15 | 64QAM | 36 | 39 | 15.08 | 14.99 | 15.04 | | |
| 15 | 64QAM | 75 | 0 | 15.04 | 15.00 | 15.00 | | |
| 15 | 256QAM | 1 | 0 | 15.00 | 15.04 | 15.01 | 16.5 | 0 |
| 15 | 256QAM | 1 | 37 | 15.08 | 15.07 | 15.07 | | |
| 15 | 256QAM | 1 | 74 | 14.99 | 15.09 | 15.12 | | |
| 15 | 256QAM | 36 | 0 | 15.11 | 15.05 | 14.98 | 16.5 | 0 |
| 15 | 256QAM | 36 | 20 | 15.04 | 14.98 | 15.03 | | |
| 15 | 256QAM | 36 | 39 | 15.04 | 15.02 | 14.97 | | |
| 15 | 256QAM | 75 | 0 | 14.99 | 15.08 | 15.11 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 14.92 | 14.99 | 14.90 | 16.5 | 0 |
| 10 | QPSK | 1 | 25 | 14.88 | 14.87 | 14.90 | | |
| 10 | QPSK | 1 | 49 | 14.75 | 14.75 | 14.96 | | |
| 10 | QPSK | 25 | 0 | 14.81 | 14.99 | 14.89 | 16.5 | 0 |
| 10 | QPSK | 25 | 12 | 14.83 | 14.70 | 14.81 | | |
| 10 | QPSK | 25 | 25 | 14.77 | 14.85 | 14.89 | | |
| 10 | QPSK | 50 | 0 | 14.77 | 15.00 | 14.74 | | |
| 10 | 16QAM | 1 | 0 | 14.84 | 14.75 | 14.77 | 16.5 | 0 |
| 10 | 16QAM | 1 | 25 | 15.02 | 14.66 | 14.83 | | |
| 10 | 16QAM | 1 | 49 | 14.85 | 14.87 | 14.67 | | |
| 10 | 16QAM | 25 | 0 | 14.69 | 14.91 | 14.78 | 16.5 | 0 |
| 10 | 16QAM | 25 | 12 | 14.84 | 14.81 | 14.84 | | |
| 10 | 16QAM | 25 | 25 | 15.05 | 14.76 | 15.07 | | |
| 10 | 16QAM | 50 | 0 | 15.03 | 15.06 | 15.04 | | |
| 10 | 64QAM | 1 | 0 | 15.11 | 15.04 | 15.11 | 16.5 | 0 |
| 10 | 64QAM | 1 | 25 | 15.04 | 15.01 | 15.08 | | |
| 10 | 64QAM | 1 | 49 | 14.99 | 15.04 | 15.12 | | |
| 10 | 64QAM | 25 | 0 | 15.06 | 15.07 | 15.04 | 16.5 | 0 |
| 10 | 64QAM | 25 | 12 | 14.92 | 15.01 | 15.11 | | |
| 10 | 64QAM | 25 | 25 | 15.03 | 14.98 | 15.06 | | |
| 10 | 64QAM | 50 | 0 | 15.03 | 15.08 | 15.04 | | |
| 10 | 256QAM | 1 | 0 | 15.05 | 15.09 | 15.09 | 16.5 | 0 |
| 10 | 256QAM | 1 | 25 | 15.02 | 15.04 | 14.97 | | |
| 10 | 256QAM | 1 | 49 | 14.97 | 15.09 | 15.09 | | |
| 10 | 256QAM | 25 | 0 | 15.04 | 14.99 | 14.99 | 16.5 | 0 |
| 10 | 256QAM | 25 | 12 | 15.03 | 15.09 | 15.08 | | |
| 10 | 256QAM | 25 | 25 | 15.03 | 15.06 | 14.91 | | |
| 10 | 256QAM | 50 | 0 | 15.05 | 15.01 | 14.98 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 14.91 | 15.05 | 14.87 | 16.5 | 0 |
| 5 | QPSK | 1 | 12 | 14.87 | 14.92 | 14.87 | | |
| 5 | QPSK | 1 | 24 | 14.81 | 14.79 | 14.88 | | |
| 5 | QPSK | 12 | 0 | 14.79 | 14.90 | 14.78 | 16.5 | 0 |
| 5 | QPSK | 12 | 7 | 14.79 | 14.70 | 14.74 | | |
| 5 | QPSK | 12 | 13 | 14.74 | 14.75 | 14.80 | | |
| 5 | QPSK | 25 | 0 | 14.75 | 14.90 | 14.75 | | |
| 5 | 16QAM | 1 | 0 | 14.79 | 14.72 | 14.75 | 16.5 | 0 |
| 5 | 16QAM | 1 | 12 | 15.00 | 14.72 | 14.74 | | |
| 5 | 16QAM | 1 | 24 | 14.92 | 14.81 | 14.67 | | |
| 5 | 16QAM | 12 | 0 | 14.78 | 14.78 | 14.73 | 16.5 | 0 |
| 5 | 16QAM | 12 | 7 | 14.77 | 14.74 | 14.81 | | |
| 5 | 16QAM | 12 | 13 | 15.03 | 14.76 | 15.04 | | |
| 5 | 16QAM | 25 | 0 | 15.08 | 15.05 | 15.12 | | |
| 5 | 64QAM | 1 | 0 | 15.08 | 15.02 | 15.12 | 16.5 | 0 |
| 5 | 64QAM | 1 | 12 | 15.04 | 15.03 | 15.06 | | |
| 5 | 64QAM | 1 | 24 | 14.98 | 15.00 | 15.11 | | |
| 5 | 64QAM | 12 | 0 | 15.08 | 15.02 | 15.05 | 16.5 | 0 |
| 5 | 64QAM | 12 | 7 | 15.04 | 15.02 | 15.09 | | |
| 5 | 64QAM | 12 | 13 | 15.05 | 15.06 | 15.04 | | |
| 5 | 64QAM | 25 | 0 | 15.03 | 15.05 | 15.00 | | |
| 5 | 256QAM | 1 | 0 | 15.10 | 15.11 | 15.10 | 16.5 | 0 |
| 5 | 256QAM | 1 | 12 | 15.01 | 15.08 | 14.92 | | |
| 5 | 256QAM | 1 | 24 | 15.07 | 15.04 | 15.02 | | |
| 5 | 256QAM | 12 | 0 | 15.07 | 14.94 | 14.90 | 16.5 | 0 |
| 5 | 256QAM | 12 | 7 | 15.06 | 14.95 | 15.04 | | |
| 5 | 256QAM | 12 | 13 | 15.06 | 15.05 | 14.93 | | |
| 5 | 256QAM | 25 | 0 | 14.99 | 15.07 | 15.03 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 14.89 | 15.00 | 14.84 | 16.5 | 0 |
| 3 | QPSK | 1 | 8 | 14.82 | 14.78 | 14.77 | | |
| 3 | QPSK | 1 | 14 | 14.86 | 14.73 | 14.92 | | |
| 3 | QPSK | 8 | 0 | 14.77 | 14.92 | 14.89 | 16.5 | 0 |
| 3 | QPSK | 8 | 4 | 14.75 | 14.76 | 14.82 | | |
| 3 | QPSK | 8 | 7 | 14.74 | 14.74 | 14.88 | | |
| 3 | QPSK | 15 | 0 | 14.76 | 14.87 | 14.72 | | |
| 3 | 16QAM | 1 | 0 | 14.83 | 14.67 | 14.76 | 16.5 | 0 |
| 3 | 16QAM | 1 | 8 | 15.00 | 14.65 | 14.79 | | |
| 3 | 16QAM | 1 | 14 | 14.79 | 14.72 | 14.65 | | |
| 3 | 16QAM | 8 | 0 | 14.71 | 14.87 | 14.79 | 16.5 | 0 |
| 3 | 16QAM | 8 | 4 | 14.77 | 14.76 | 14.84 | | |
| 3 | 16QAM | 8 | 7 | 15.06 | 14.69 | 15.04 | | |
| 3 | 16QAM | 15 | 0 | 15.05 | 15.10 | 15.11 | | |
| 3 | 64QAM | 1 | 0 | 15.07 | 15.08 | 15.06 | 16.5 | 0 |
| 3 | 64QAM | 1 | 8 | 15.05 | 15.07 | 15.04 | | |
| 3 | 64QAM | 1 | 14 | 15.08 | 15.00 | 15.03 | | |
| 3 | 64QAM | 8 | 0 | 15.06 | 15.07 | 15.01 | 16.5 | 0 |
| 3 | 64QAM | 8 | 4 | 15.03 | 15.01 | 15.12 | | |
| 3 | 64QAM | 8 | 7 | 15.06 | 15.06 | 15.10 | | |
| 3 | 64QAM | 15 | 0 | 15.06 | 15.08 | 15.07 | | |
| 3 | 256QAM | 1 | 0 | 15.08 | 15.08 | 15.04 | 16.5 | 0 |
| 3 | 256QAM | 1 | 8 | 15.09 | 15.10 | 14.92 | | |
| 3 | 256QAM | 1 | 14 | 15.02 | 15.12 | 15.09 | | |
| 3 | 256QAM | 8 | 0 | 15.08 | 14.97 | 14.92 | 16.5 | 0 |
| 3 | 256QAM | 8 | 4 | 15.04 | 14.94 | 15.08 | | |
| 3 | 256QAM | 8 | 7 | 15.07 | 15.10 | 14.89 | | |
| 3 | 256QAM | 15 | 0 | 14.89 | 14.95 | 15.00 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 14.88 | 14.98 | 14.83 | 16.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 14.80 | 14.78 | 14.94 | | |
| 1.4 | QPSK | 1 | 5 | 14.83 | 14.76 | 14.88 | | |
| 1.4 | QPSK | 3 | 0 | 14.86 | 14.95 | 14.89 | | |
| 1.4 | QPSK | 3 | 1 | 14.83 | 14.76 | 14.81 | | |
| 1.4 | QPSK | 3 | 3 | 14.79 | 14.75 | 14.81 | | |
| 1.4 | QPSK | 6 | 0 | 14.81 | 14.97 | 14.78 | 16.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 14.86 | 14.65 | 14.73 | 16.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 14.90 | 14.71 | 14.77 | | |
| 1.4 | 16QAM | 1 | 5 | 14.80 | 14.78 | 14.67 | | |
| 1.4 | 16QAM | 3 | 0 | 14.78 | 14.86 | 14.80 | | |
| 1.4 | 16QAM | 3 | 1 | 14.75 | 14.73 | 14.86 | | |
| 1.4 | 16QAM | 3 | 3 | 15.03 | 14.74 | 15.04 | | |
| 1.4 | 16QAM | 6 | 0 | 15.09 | 15.08 | 15.12 | 16.5 | 0 |
| 1.4 | 64QAM | 1 | 0 | 15.07 | 15.01 | 15.08 | 16.5 | 0 |
| 1.4 | 64QAM | 1 | 3 | 15.10 | 15.03 | 15.10 | | |
| 1.4 | 64QAM | 1 | 5 | 14.98 | 15.07 | 15.02 | | |
| 1.4 | 64QAM | 3 | 0 | 15.08 | 14.99 | 15.06 | | |
| 1.4 | 64QAM | 3 | 1 | 15.02 | 15.02 | 15.11 | | |
| 1.4 | 64QAM | 3 | 3 | 15.08 | 15.00 | 15.08 | | |
| 1.4 | 64QAM | 6 | 0 | 15.06 | 15.07 | 15.12 | 16.5 | 0 |
| 1.4 | 256QAM | 1 | 0 | 15.03 | 15.10 | 15.04 | 16.5 | 0 |
| 1.4 | 256QAM | 1 | 3 | 15.04 | 15.03 | 15.02 | | |
| 1.4 | 256QAM | 1 | 5 | 15.05 | 15.04 | 15.08 | | |
| 1.4 | 256QAM | 3 | 0 | 15.04 | 15.00 | 14.95 | | |
| 1.4 | 256QAM | 3 | 1 | 15.08 | 15.08 | 15.03 | | |
| 1.4 | 256QAM | 3 | 3 | 15.07 | 15.06 | 14.93 | | |
| 1.4 | 256QAM | 6 | 0 | 14.97 | 15.05 | 14.95 | 16.5 | 0 |

## Band 38_Ant 1(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 | 19.99 | 20.19 | 19.93 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 19.84 | 19.91 | 19.81 | | |
| 20 | QPSK | 1 | 99 | 19.91 | 19.93 | 19.82 | | |
| 20 | QPSK | 50 | 0 | 19.76 | 20.11 | 19.77 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 19.53 | 19.72 | 19.56 | | |
| 20 | QPSK | 50 | 50 | 19.61 | 19.65 | 19.60 | | |
| 20 | QPSK | 100 | 0 | 20.06 | 20.08 | 20.05 | | |
| 20 | 16QAM | 1 | 0 | 20.06 | 20.09 | 20.06 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 19.98 | 20.09 | 20.00 | | |
| 20 | 16QAM | 1 | 99 | 19.94 | 20.07 | 20.04 | | |
| 20 | 16QAM | 50 | 0 | 19.56 | 19.66 | 19.66 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 19.65 | 19.75 | 19.73 | | |
| 20 | 16QAM | 50 | 50 | 19.72 | 19.77 | 19.70 | | |
| 20 | 16QAM | 100 | 0 | 19.56 | 19.63 | 19.61 | | |
| 20 | 64QAM | 1 | 0 | 19.81 | 19.77 | 19.74 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 19.85 | 19.87 | 19.87 | | |
| 20 | 64QAM | 1 | 99 | 19.78 | 19.85 | 19.85 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 19.74 | 20.03 | 19.69 | 21.5 | 0 |
| 15 | QPSK | 1 | 37 | 19.63 | 19.79 | 19.59 | | |
| 15 | QPSK | 1 | 74 | 19.78 | 19.80 | 19.64 | | |
| 15 | QPSK | 36 | 0 | 19.52 | 19.86 | 19.63 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.51 | 19.64 | | |
| 15 | QPSK | 36 | 39 | 19.67 | 19.67 | 19.55 | | |
| 15 | QPSK | 75 | 0 | 19.89 | 19.97 | 19.90 | | |
| 15 | 16QAM | 1 | 0 | 19.82 | 19.94 | 19.94 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 19.86 | 19.92 | 19.76 | | |
| 15 | 16QAM | 1 | 74 | 19.71 | 19.84 | 19.92 | | |
| 15 | 16QAM | 36 | 0 | 19.53 | 19.51 | 19.66 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 19.67 | 19.52 | 19.60 | | |
| 15 | 16QAM | 36 | 39 | 19.67 | 19.54 | 19.64 | | |
| 15 | 16QAM | 75 | 0 | 19.56 | 19.60 | 19.62 | | |
| 15 | 64QAM | 1 | 0 | 19.74 | 19.75 | 19.70 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 19.76 | 19.88 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 19.74 | 19.76 | 19.82 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 19.88 | 20.00 | 19.69 | 21.5 | 0 |
| 10 | QPSK | 1 | 25 | 19.68 | 19.68 | 19.67 | | |
| 10 | QPSK | 1 | 49 | 19.78 | 19.78 | 19.68 | | |
| 10 | QPSK | 25 | 0 | 19.65 | 19.90 | 19.62 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 19.57 | 19.52 | 19.56 | | |
| 10 | QPSK | 25 | 25 | 19.61 | 19.64 | 19.66 | | |
| 10 | QPSK | 50 | 0 | 19.86 | 19.93 | 19.91 | | |
| 10 | 16QAM | 1 | 0 | 19.85 | 19.88 | 19.94 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 19.76 | 19.94 | 19.87 | | |
| 10 | 16QAM | 1 | 49 | 19.76 | 19.93 | 19.85 | | |
| 10 | 16QAM | 25 | 0 | 19.55 | 19.51 | 19.63 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 19.51 | 19.64 | 19.55 | | |
| 10 | 16QAM | 25 | 25 | 19.77 | 19.59 | 19.68 | | |
| 10 | 16QAM | 50 | 0 | 19.58 | 19.62 | 19.57 | | |
| 10 | 64QAM | 1 | 0 | 19.77 | 19.70 | 19.69 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 19.82 | 19.81 | 19.88 | | |
| 10 | 64QAM | 1 | 49 | 19.72 | 19.84 | 19.81 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 19.77 | 20.00 | 19.74 | 21.5 | 0 |
| 5 | QPSK | 1 | 12 | 19.66 | 19.74 | 19.60 | | |
| 5 | QPSK | 1 | 24 | 19.68 | 19.68 | 19.61 | | |
| 5 | QPSK | 12 | 0 | 19.65 | 19.98 | 19.63 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 19.58 | 19.60 | 19.57 | | |
| 5 | QPSK | 12 | 13 | 19.60 | 19.68 | 19.61 | | |
| 5 | QPSK | 25 | 0 | 19.83 | 19.95 | 19.83 | | |
| 5 | 16QAM | 1 | 0 | 19.91 | 19.93 | 19.91 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 19.84 | 19.91 | 19.89 | | |
| 5 | 16QAM | 1 | 24 | 19.83 | 19.90 | 19.87 | | |
| 5 | 16QAM | 12 | 0 | 19.57 | 19.51 | 19.54 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 19.66 | 19.54 | 19.60 | | |
| 5 | 16QAM | 12 | 13 | 19.77 | 19.59 | 19.65 | | |
| 5 | 16QAM | 25 | 0 | 19.56 | 19.62 | 19.61 | | |
| 5 | 64QAM | 1 | 0 | 19.84 | 19.71 | 19.66 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 19.81 | 19.90 | 19.89 | | |
| 5 | 64QAM | 1 | 24 | 19.75 | 19.86 | 19.77 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 15.05 | 15.26 | 15.13 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 14.97 | 15.11 | 14.95 | | |
| 20 | QPSK | 1 | 99 | 14.86 | 15.02 | 15.03 | | |
| 20 | QPSK | 50 | 0 | 14.98 | 15.17 | 15.04 | 16.5 | 0 |
| 20 | QPSK | 50 | 24 | 14.94 | 15.07 | 15.00 | | |
| 20 | QPSK | 50 | 50 | 14.97 | 15.14 | 15.02 | | |
| 20 | QPSK | 100 | 0 | 14.94 | 15.14 | 15.00 | | |
| 20 | 16QAM | 1 | 0 | 14.87 | 15.09 | 15.00 | 16.5 | 0 |
| 20 | 16QAM | 1 | 49 | 14.94 | 15.09 | 15.07 | | |
| 20 | 16QAM | 1 | 99 | 14.85 | 15.02 | 15.03 | | |
| 20 | 16QAM | 50 | 0 | 14.94 | 15.05 | 15.05 | 16.5 | 0 |
| 20 | 16QAM | 50 | 24 | 14.97 | 15.09 | 14.99 | | |
| 20 | 16QAM | 50 | 50 | 14.88 | 15.01 | 15.06 | | |
| 20 | 16QAM | 100 | 0 | 14.99 | 15.10 | 14.96 | | |
| 20 | 64QAM | 1 | 0 | 14.92 | 15.01 | 15.06 | 16.5 | 0 |
| 20 | 64QAM | 1 | 49 | 14.87 | 15.08 | 15.05 | | |
| 20 | 64QAM | 1 | 99 | 14.98 | 15.07 | 15.00 | | |
| 20 | 64QAM | 50 | 0 | 14.91 | 15.09 | 14.96 | 16.5 | 0 |
| 20 | 64QAM | 50 | 24 | 14.99 | 15.14 | 14.96 | | |
| 20 | 64QAM | 50 | 50 | 14.96 | 15.07 | 15.04 | | |
| 20 | 64QAM | 100 | 0 | 14.87 | 15.00 | 15.04 | | |
| 20 | 256QAM | 1 | 0 | 14.91 | 15.02 | 15.05 | 16.5 | 0 |
| 20 | 256QAM | 1 | 49 | 14.90 | 15.09 | 14.97 | | |
| 20 | 256QAM | 1 | 99 | 14.86 | 15.12 | 14.94 | | |
| 20 | 256QAM | 50 | 0 | 14.85 | 15.05 | 15.02 | 16.5 | 0 |
| 20 | 256QAM | 50 | 24 | 14.92 | 15.04 | 15.04 | | |
| 20 | 256QAM | 50 | 50 | 14.85 | 15.10 | 15.01 | | |
| 20 | 256QAM | 100 | 0 | 14.94 | 15.03 | 15.00 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 15.04 | 15.14 | 15.05 | 16.5 | 0 |
| 15 | QPSK | 1 | 37 | 14.91 | 15.09 | 14.89 | | |
| 15 | QPSK | 1 | 74 | 14.78 | 15.05 | 14.95 | | |
| 15 | QPSK | 36 | 0 | 14.94 | 15.13 | 14.95 | 16.5 | 0 |
| 15 | QPSK | 36 | 20 | 14.95 | 14.97 | 14.91 | | |
| 15 | QPSK | 36 | 39 | 14.93 | 15.12 | 14.92 | | |
| 15 | QPSK | 75 | 0 | 14.87 | 15.14 | 14.97 | | |
| 15 | 16QAM | 1 | 0 | 14.86 | 14.99 | 14.93 | 16.5 | 0 |
| 15 | 16QAM | 1 | 37 | 14.97 | 15.01 | 14.97 | | |
| 15 | 16QAM | 1 | 74 | 14.88 | 15.06 | 15.05 | | |
| 15 | 16QAM | 36 | 0 | 14.85 | 14.95 | 15.03 | 16.5 | 0 |
| 15 | 16QAM | 36 | 20 | 14.95 | 15.11 | 15.03 | | |
| 15 | 16QAM | 36 | 39 | 14.96 | 14.99 | 15.13 | | |
| 15 | 16QAM | 75 | 0 | 15.05 | 15.22 | 15.15 | | |
| 15 | 64QAM | 1 | 0 | 15.00 | 15.16 | 15.18 | 16.5 | 0 |
| 15 | 64QAM | 1 | 37 | 14.99 | 15.24 | 15.25 | | |
| 15 | 64QAM | 1 | 74 | 15.12 | 15.13 | 15.07 | | |
| 15 | 64QAM | 36 | 0 | 15.04 | 15.18 | 15.10 | 16.5 | 0 |
| 15 | 64QAM | 36 | 20 | 15.15 | 15.24 | 15.06 | | |
| 15 | 64QAM | 36 | 39 | 15.04 | 15.21 | 15.24 | | |
| 15 | 64QAM | 75 | 0 | 15.06 | 15.15 | 15.16 | | |
| 15 | 256QAM | 1 | 0 | 15.10 | 15.16 | 15.25 | 16.5 | 0 |
| 15 | 256QAM | 1 | 37 | 15.05 | 15.19 | 15.13 | | |
| 15 | 256QAM | 1 | 74 | 14.99 | 15.19 | 15.14 | | |
| 15 | 256QAM | 36 | 0 | 15.01 | 15.21 | 15.11 | 16.5 | 0 |
| 15 | 256QAM | 36 | 20 | 15.03 | 15.15 | 15.15 | | |
| 15 | 256QAM | 36 | 39 | 14.99 | 15.18 | 15.08 | | |
| 15 | 256QAM | 75 | 0 | 15.11 | 15.13 | 15.14 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 14.96 | 15.11 | 15.03 | 16.5 | 0 |
| 10 | QPSK | 1 | 25 | 14.90 | 15.14 | 14.95 | | |
| 10 | QPSK | 1 | 49 | 14.81 | 15.06 | 15.01 | | |
| 10 | QPSK | 25 | 0 | 14.95 | 15.20 | 14.97 | 16.5 | 0 |
| 10 | QPSK | 25 | 12 | 14.96 | 14.99 | 14.92 | | |
| 10 | QPSK | 25 | 25 | 14.87 | 15.13 | 15.03 | | |
| 10 | QPSK | 50 | 0 | 14.93 | 15.13 | 14.98 | | |
| 10 | 16QAM | 1 | 0 | 14.90 | 14.99 | 14.98 | 16.5 | 0 |
| 10 | 16QAM | 1 | 25 | 14.88 | 15.03 | 15.07 | | |
| 10 | 16QAM | 1 | 49 | 14.88 | 14.95 | 14.98 | | |
| 10 | 16QAM | 25 | 0 | 14.91 | 15.02 | 15.03 | 16.5 | 0 |
| 10 | 16QAM | 25 | 12 | 14.98 | 15.04 | 15.01 | | |
| 10 | 16QAM | 25 | 25 | 15.02 | 14.98 | 15.24 | | |
| 10 | 16QAM | 50 | 0 | 15.08 | 15.24 | 15.12 | | |
| 10 | 64QAM | 1 | 0 | 15.07 | 15.17 | 15.16 | 16.5 | 0 |
| 10 | 64QAM | 1 | 25 | 14.93 | 15.24 | 15.20 | | |
| 10 | 64QAM | 1 | 49 | 15.15 | 15.20 | 15.18 | | |
| 10 | 64QAM | 25 | 0 | 14.97 | 15.17 | 15.07 | 16.5 | 0 |
| 10 | 64QAM | 25 | 12 | 15.18 | 15.21 | 15.06 | | |
| 10 | 64QAM | 25 | 25 | 15.11 | 15.17 | 15.14 | | |
| 10 | 64QAM | 50 | 0 | 14.99 | 15.10 | 15.22 | | |
| 10 | 256QAM | 1 | 0 | 15.00 | 15.19 | 15.23 | 16.5 | 0 |
| 10 | 256QAM | 1 | 25 | 15.02 | 15.16 | 15.11 | | |
| 10 | 256QAM | 1 | 49 | 14.93 | 15.18 | 15.01 | | |
| 10 | 256QAM | 25 | 0 | 14.95 | 15.17 | 15.08 | 16.5 | 0 |
| 10 | 256QAM | 25 | 12 | 15.11 | 15.18 | 15.24 | | |
| 10 | 256QAM | 25 | 25 | 14.91 | 15.24 | 15.09 | | |
| 10 | 256QAM | 50 | 0 | 15.12 | 15.11 | 15.06 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 15.00 | 15.12 | 15.08 | 16.5 | 0 |
| 5 | QPSK | 1 | 12 | 15.01 | 15.07 | 14.90 | | |
| 5 | QPSK | 1 | 24 | 14.84 | 15.02 | 14.94 | | |
| 5 | QPSK | 12 | 0 | 14.94 | 15.21 | 14.96 | 16.5 | 0 |
| 5 | QPSK | 12 | 7 | 14.92 | 15.01 | 15.01 | | |
| 5 | QPSK | 12 | 13 | 14.93 | 15.17 | 15.01 | | |
| 5 | QPSK | 25 | 0 | 14.91 | 15.12 | 14.90 | | |
| 5 | 16QAM | 1 | 0 | 14.87 | 15.06 | 14.97 | 16.5 | 0 |
| 5 | 16QAM | 1 | 12 | 14.94 | 15.00 | 14.97 | | |
| 5 | 16QAM | 1 | 24 | 14.87 | 15.03 | 14.95 | | |
| 5 | 16QAM | 12 | 0 | 14.94 | 15.06 | 15.01 | 16.5 | 0 |
| 5 | 16QAM | 12 | 7 | 14.90 | 15.03 | 14.89 | | |
| 5 | 16QAM | 12 | 13 | 15.02 | 15.03 | 15.16 | | |
| 5 | 16QAM | 25 | 0 | 15.14 | 15.10 | 15.08 | | |
| 5 | 64QAM | 1 | 0 | 15.10 | 15.19 | 15.18 | 16.5 | 0 |
| 5 | 64QAM | 1 | 12 | 14.96 | 15.16 | 15.23 | | |
| 5 | 64QAM | 1 | 24 | 15.15 | 15.16 | 15.18 | | |
| 5 | 64QAM | 12 | 0 | 14.99 | 15.15 | 15.14 | 16.5 | 0 |
| 5 | 64QAM | 12 | 7 | 15.16 | 15.16 | 15.16 | | |
| 5 | 64QAM | 12 | 13 | 15.10 | 15.16 | 15.22 | | |
| 5 | 64QAM | 25 | 0 | 15.03 | 15.09 | 15.18 | | |
| 5 | 256QAM | 1 | 0 | 15.07 | 15.11 | 15.21 | 16.5 | 0 |
| 5 | 256QAM | 1 | 12 | 15.07 | 15.24 | 15.05 | | |
| 5 | 256QAM | 1 | 24 | 14.99 | 15.19 | 15.00 | | |
| 5 | 256QAM | 12 | 0 | 14.94 | 15.24 | 15.22 | 16.5 | 0 |
| 5 | 256QAM | 12 | 7 | 15.00 | 15.10 | 15.15 | | |
| 5 | 256QAM | 12 | 13 | 14.99 | 15.18 | 15.16 | | |
| 5 | 256QAM | 25 | 0 | 15.05 | 15.23 | 15.07 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 20.47 | 20.47 | 20.52 | 20.45 | 19.99 | 21.5 | 0 |
| 20 | QPSK | 1 | 49 | 20.34 | 20.29 | 20.32 | 20.32 | 19.83 | | |
| 20 | QPSK | 1 | 99 | 20.36 | 20.34 | 20.35 | 20.38 | 19.87 | | |
| 20 | QPSK | 50 | 0 | 20.46 | 20.35 | 20.49 | 20.41 | 19.94 | 21.5 | 0 |
| 20 | QPSK | 50 | 24 | 20.29 | 20.25 | 20.28 | 20.39 | 19.89 | | |
| 20 | QPSK | 50 | 50 | 20.31 | 20.32 | 20.38 | 20.37 | 19.82 | | |
| 20 | QPSK | 100 | 0 | 20.30 | 20.31 | 20.33 | 20.25 | 19.86 | | |
| 20 | 16QAM | 1 | 0 | 20.31 | 20.24 | 20.37 | 20.45 | 19.79 | 21.5 | 0 |
| 20 | 16QAM | 1 | 49 | 20.30 | 20.34 | 20.36 | 20.42 | 19.85 | | |
| 20 | 16QAM | 1 | 99 | 20.30 | 20.25 | 20.33 | 20.44 | 19.88 | | |
| 20 | 16QAM | 50 | 0 | 20.39 | 20.38 | 20.41 | 20.26 | 20.09 | 21.5 | 0 |
| 20 | 16QAM | 50 | 24 | 20.34 | 20.32 | 20.39 | 20.19 | 20.00 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.39 | 20.40 | 20.15 | 20.05 | | |
| 20 | 16QAM | 100 | 0 | 20.28 | 20.30 | 20.33 | 20.19 | 20.02 | | |
| 20 | 64QAM | 1 | 0 | 20.51 | 20.50 | 20.48 | 20.12 | 20.08 | 21.5 | 0 |
| 20 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.42 | 20.11 | 19.94 | | |
| 20 | 64QAM | 1 | 99 | 20.47 | 20.51 | 20.44 | 20.09 | 20.03 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 0.5 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 2.5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 2.5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 20.33 | 20.26 | 20.27 | 20.33 | 19.92 | 21.50 | 0 |
| 15 | QPSK | 1 | 37 | 20.09 | 20.09 | 20.13 | 20.26 | 19.67 | | |
| 15 | QPSK | 1 | 74 | 20.16 | 20.10 | 20.15 | 20.29 | 19.67 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.17 | 20.25 | 20.24 | 19.84 | 21.5 | 0 |
| 15 | QPSK | 36 | 20 | 20.04 | 20.08 | 20.15 | 20.28 | 19.82 | | |
| 15 | QPSK | 36 | 39 | 20.10 | 20.18 | 20.17 | 20.23 | 19.71 | | |
| 15 | QPSK | 75 | 0 | 20.14 | 20.13 | 20.19 | 20.13 | 19.82 | | |
| 15 | 16QAM | 1 | 0 | 20.17 | 20.07 | 20.24 | 20.39 | 19.70 | 21.5 | 0 |
| 15 | 16QAM | 1 | 37 | 20.18 | 20.13 | 20.17 | 20.35 | 19.84 | | |
| 15 | 16QAM | 1 | 74 | 20.18 | 20.00 | 20.11 | 20.35 | 19.68 | | |
| 15 | 16QAM | 36 | 0 | 20.15 | 20.20 | 20.18 | 20.11 | 20.05 | 21.5 | 0 |
| 15 | 16QAM | 36 | 20 | 20.20 | 20.14 | 20.27 | 20.10 | 19.97 | | |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.20 | 20.44 | 20.15 | 19.92 | | |
| 15 | 16QAM | 75 | 0 | 20.25 | 20.28 | 20.24 | 20.13 | 19.90 | | |
| 15 | 64QAM | 1 | 0 | 20.46 | 20.51 | 20.50 | 19.94 | 19.98 | 21.5 | 0 |
| 15 | 64QAM | 1 | 37 | 20.52 | 20.41 | 20.46 | 19.97 | 19.88 | | |
| 15 | 64QAM | 1 | 74 | 20.50 | 20.42 | 20.44 | 20.04 | 19.88 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 0.5 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 2.5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.87 | 17.58 | 19 | 2.5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 20.31 | 20.32 | 20.28 | 20.39 | 19.94 | 21.50 | 0 |
| 10 | QPSK | 1 | 25 | 20.15 | 20.11 | 20.12 | 20.14 | 19.72 | | |
| 10 | QPSK | 1 | 49 | 20.19 | 20.12 | 20.22 | 20.36 | 19.72 | | |
| 10 | QPSK | 25 | 0 | 20.23 | 20.16 | 20.33 | 20.25 | 19.81 | 21.5 | 0 |
| 10 | QPSK | 25 | 12 | 20.11 | 20.13 | 20.16 | 20.25 | 19.73 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.20 | 20.25 | 20.34 | 19.74 | | |
| 10 | QPSK | 50 | 0 | 20.13 | 20.11 | 20.18 | 20.09 | 19.85 | | |
| 10 | 16QAM | 1 | 0 | 20.10 | 20.07 | 20.24 | 20.37 | 19.76 | 21.5 | 0 |
| 10 | 16QAM | 1 | 25 | 20.12 | 20.13 | 20.18 | 20.35 | 19.77 | | |
| 10 | 16QAM | 1 | 49 | 20.15 | 20.07 | 20.10 | 20.31 | 19.79 | | |
| 10 | 16QAM | 25 | 0 | 20.21 | 20.26 | 20.16 | 20.21 | 20.08 | 21.5 | 0 |
| 10 | 16QAM | 25 | 12 | 20.15 | 20.21 | 20.20 | 20.00 | 19.97 | | |
| 10 | 16QAM | 25 | 25 | 20.27 | 20.22 | 20.33 | 19.99 | 20.03 | | |
| 10 | 16QAM | 50 | 0 | 20.29 | 20.31 | 20.24 | 20.02 | 20.01 | | |
| 10 | 64QAM | 1 | 0 | 20.42 | 20.44 | 20.42 | 19.93 | 20.01 | 21.5 | 0 |
| 10 | 64QAM | 1 | 25 | 20.47 | 20.41 | 20.43 | 20.08 | 19.85 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.45 | 20.46 | 19.93 | 19.85 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 0.5 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 2.5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 2.5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 20.30 | 20.25 | 20.29 | 20.29 | 19.87 | 21.50 | 0 |
| 5 | QPSK | 1 | 12 | 20.18 | 20.18 | 20.10 | 20.12 | 19.79 | | |
| 5 | QPSK | 1 | 24 | 20.21 | 20.12 | 20.17 | 20.20 | 19.78 | | |
| 5 | QPSK | 12 | 0 | 20.33 | 20.13 | 20.24 | 20.26 | 19.88 | 21.5 | 0 |
| 5 | QPSK | 12 | 7 | 20.10 | 20.05 | 20.05 | 20.30 | 19.73 | | |
| 5 | QPSK | 12 | 13 | 20.17 | 20.07 | 20.21 | 20.27 | 19.75 | | |
| 5 | QPSK | 25 | 0 | 20.09 | 20.08 | 20.22 | 20.23 | 19.75 | | |
| 5 | 16QAM | 1 | 0 | 20.20 | 20.04 | 20.23 | 20.26 | 19.72 | 21.5 | 0 |
| 5 | 16QAM | 1 | 12 | 20.17 | 20.12 | 20.24 | 20.22 | 19.78 | | |
| 5 | 16QAM | 1 | 24 | 20.14 | 20.04 | 20.14 | 20.34 | 19.80 | | |
| 5 | 16QAM | 12 | 0 | 20.14 | 20.23 | 20.27 | 20.14 | 20.01 | 21.5 | 0 |
| 5 | 16QAM | 12 | 7 | 20.22 | 20.13 | 20.28 | 20.08 | 19.84 | | |
| 5 | 16QAM | 12 | 13 | 20.36 | 20.25 | 20.44 | 19.98 | 19.92 | | |
| 5 | 16QAM | 25 | 0 | 20.32 | 20.34 | 20.34 | 20.00 | 19.91 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.46 | 20.50 | 19.97 | 19.94 | 21.5 | 0 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.46 | 20.48 | 19.91 | 19.74 | | |
| 5 | 64QAM | 1 | 24 | 20.51 | 20.45 | 20.46 | 19.96 | 19.91 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 0.5 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 2.5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 2.5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 16.02 | 15.94 | 16.07 | 15.93 | 15.95 | 16.5 | 0 |
| 20 | QPSK | 1 | 49 | 15.98 | 15.87 | 15.96 | 15.83 | 15.89 | | |
| 20 | QPSK | 1 | 99 | 15.87 | 15.81 | 15.84 | 15.80 | 15.89 | | |
| 20 | QPSK | 50 | 0 | 15.92 | 15.84 | 16.06 | 15.83 | 15.87 | 16.5 | 0 |
| 20 | QPSK | 50 | 24 | 15.84 | 15.83 | 15.84 | 15.76 | 15.82 | | |
| 20 | QPSK | 50 | 50 | 15.73 | 15.78 | 15.83 | 15.68 | 15.84 | | |
| 20 | QPSK | 100 | 0 | 15.90 | 15.86 | 16.05 | 15.80 | 15.94 | | |
| 20 | 16QAM | 1 | 0 | 15.96 | 15.84 | 15.90 | 15.74 | 15.87 | 16.5 | 0 |
| 20 | 16QAM | 1 | 49 | 15.76 | 15.66 | 15.71 | 15.76 | 15.75 | | |
| 20 | 16QAM | 1 | 99 | 15.90 | 15.83 | 16.04 | 15.80 | 15.91 | | |
| 20 | 16QAM | 50 | 0 | 15.86 | 15.85 | 15.83 | 15.82 | 15.78 | 16.5 | 0 |
| 20 | 16QAM | 50 | 24 | 15.78 | 15.78 | 15.81 | 15.73 | 15.82 | | |
| 20 | 16QAM | 50 | 50 | 15.97 | 15.81 | 16.02 | 15.88 | 15.83 | | |
| 20 | 16QAM | 100 | 0 | 15.91 | 15.76 | 15.92 | 15.82 | 15.86 | | |
| 20 | 64QAM | 1 | 0 | 15.72 | 15.74 | 15.80 | 15.77 | 15.80 | 16.5 | 0 |
| 20 | 64QAM | 1 | 49 | 15.88 | 15.81 | 15.98 | 15.82 | 15.89 | | |
| 20 | 64QAM | 1 | 99 | 15.90 | 15.85 | 15.90 | 15.75 | 15.84 | | |
| 20 | 64QAM | 50 | 0 | 15.75 | 15.72 | 15.83 | 15.75 | 15.80 | 16.5 | 0 |
| 20 | 64QAM | 50 | 24 | 15.88 | 15.80 | 15.94 | 15.80 | 15.88 | | |
| 20 | 64QAM | 50 | 50 | 15.94 | 15.75 | 15.86 | 15.81 | 15.86 | | |
| 20 | 64QAM | 100 | 0 | 15.79 | 15.69 | 15.72 | 15.78 | 15.83 | | |
| 20 | 256QAM | 1 | 0 | 15.95 | 15.84 | 15.99 | 15.87 | 15.93 | 16.5 | 0 |
| 20 | 256QAM | 1 | 49 | 15.88 | 15.83 | 15.90 | 15.80 | 15.85 | | |
| 20 | 256QAM | 1 | 99 | 15.84 | 15.72 | 15.71 | 15.73 | 15.83 | | |
| 20 | 256QAM | 50 | 0 | 16.00 | 15.93 | 16.02 | 15.81 | 15.91 | 16.5 | 0 |
| 20 | 256QAM | 50 | 24 | 15.90 | 15.79 | 16.05 | 15.78 | 15.86 | | |
| 20 | 256QAM | 50 | 50 | 15.95 | 15.73 | 15.93 | 15.71 | 15.75 | | |
| 20 | 256QAM | 100 | 0 | 15.84 | 15.77 | 15.81 | 15.67 | 15.81 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 15.87 | 15.83 | 15.90 | 15.82 | 15.79 | 16.50 | 0 |
| 15 | QPSK | 1 | 37 | 15.80 | 15.63 | 15.79 | 15.70 | 15.78 | | |
| 15 | QPSK | 1 | 74 | 15.69 | 15.59 | 15.68 | 15.62 | 15.76 | | |
| 15 | QPSK | 36 | 0 | 15.71 | 15.71 | 15.84 | 15.65 | 15.76 | 16.5 | 0 |
| 15 | QPSK | 36 | 20 | 15.68 | 15.69 | 15.70 | 15.54 | 15.57 | | |
| 15 | QPSK | 36 | 39 | 15.50 | 15.66 | 15.63 | 15.53 | 15.65 | | |
| 15 | QPSK | 75 | 0 | 15.75 | 15.72 | 15.91 | 15.68 | 15.74 | | |
| 15 | 16QAM | 1 | 0 | 15.75 | 15.60 | 15.71 | 15.57 | 15.72 | 16.5 | 0 |
| 15 | 16QAM | 1 | 37 | 15.56 | 15.53 | 15.59 | 15.65 | 15.56 | | |
| 15 | 16QAM | 1 | 74 | 15.70 | 15.63 | 15.79 | 15.66 | 15.73 | | |
| 15 | 16QAM | 36 | 0 | 15.65 | 15.73 | 15.67 | 15.59 | 15.57 | 16.5 | 0 |
| 15 | 16QAM | 36 | 20 | 15.56 | 15.62 | 15.68 | 15.50 | 15.64 | | |
| 15 | 16QAM | 36 | 39 | 15.74 | 15.62 | 15.78 | 15.64 | 15.72 | | |
| 15 | 16QAM | 75 | 0 | 15.67 | 15.57 | 15.72 | 15.63 | 15.74 | | |
| 15 | 64QAM | 1 | 0 | 15.58 | 15.63 | 15.61 | 15.60 | 15.57 | 16.5 | 0 |
| 15 | 64QAM | 1 | 37 | 15.67 | 15.59 | 15.81 | 15.65 | 15.67 | | |
| 15 | 64QAM | 1 | 74 | 15.74 | 15.70 | 15.68 | 15.54 | 15.59 | | |
| 15 | 64QAM | 36 | 0 | 15.60 | 15.48 | 15.70 | 15.61 | 15.69 | 16.5 | 0 |
| 15 | 64QAM | 36 | 20 | 15.74 | 15.69 | 15.83 | 15.64 | 15.75 | | |
| 15 | 64QAM | 36 | 39 | 15.82 | 15.57 | 15.66 | 15.61 | 15.74 | | |
| 15 | 64QAM | 75 | 0 | 15.56 | 15.48 | 15.58 | 15.57 | 15.62 | | |
| 15 | 256QAM | 1 | 0 | 15.83 | 15.67 | 15.78 | 15.74 | 15.68 | 16.5 | 0 |
| 15 | 256QAM | 1 | 37 | 15.75 | 15.86 | 15.66 | 15.61 | 15.61 | | |
| 15 | 256QAM | 1 | 74 | 15.62 | 15.48 | 15.53 | 15.61 | 15.66 | | |
| 15 | 256QAM | 36 | 0 | 15.83 | 15.81 | 15.82 | 15.63 | 15.76 | 16.5 | 0 |
| 15 | 256QAM | 36 | 20 | 15.75 | 15.57 | 15.82 | 15.53 | 15.69 | | |
| 15 | 256QAM | 36 | 39 | 15.81 | 15.61 | 15.72 | 15.51 | 15.62 | | |
| 15 | 256QAM | 75 | 0 | 15.66 | 15.57 | 15.63 | 15.45 | 15.64 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 15.84 | 15.78 | 15.83 | 15.72 | 15.76 | 16.50 | 0 |
| 10 | QPSK | 1 | 25 | 15.78 | 15.63 | 15.71 | 15.59 | 15.72 | | |
| 10 | QPSK | 1 | 49 | 15.63 | 15.59 | 15.71 | 15.64 | 15.71 | | |
| 10 | QPSK | 25 | 0 | 15.69 | 15.73 | 15.86 | 15.64 | 15.64 | 16.5 | 0 |
| 10 | QPSK | 25 | 12 | 15.73 | 15.71 | 15.60 | 15.54 | 15.70 | | |
| 10 | QPSK | 25 | 25 | 15.62 | 15.62 | 15.59 | 15.54 | 15.67 | | |
| 10 | QPSK | 50 | 0 | 15.72 | 15.61 | 15.90 | 15.58 | 15.71 | | |
| 10 | 16QAM | 1 | 0 | 15.81 | 15.61 | 15.71 | 15.53 | 15.72 | 16.5 | 0 |
| 10 | 16QAM | 1 | 25 | 15.64 | 15.48 | 15.46 | 15.53 | 15.53 | | |
| 10 | 16QAM | 1 | 49 | 15.72 | 15.62 | 15.92 | 15.62 | 15.76 | | |
| 10 | 16QAM | 25 | 0 | 15.70 | 15.62 | 15.65 | 15.70 | 15.53 | 16.5 | 0 |
| 10 | 16QAM | 25 | 12 | 15.65 | 15.59 | 15.57 | 15.56 | 15.67 | | |
| 10 | 16QAM | 25 | 25 | 15.79 | 15.70 | 15.89 | 15.65 | 15.60 | | |
| 10 | 16QAM | 50 | 0 | 15.68 | 15.80 | 15.70 | 15.65 | 15.72 | | |
| 10 | 64QAM | 1 | 0 | 15.54 | 15.63 | 15.58 | 15.56 | 15.65 | 16.5 | 0 |
| 10 | 64QAM | 1 | 25 | 15.66 | 15.66 | 15.81 | 15.63 | 15.68 | | |
| 10 | 64QAM | 1 | 49 | 15.77 | 15.70 | 15.73 | 15.57 | 15.71 | | |
| 10 | 64QAM | 25 | 0 | 15.55 | 15.56 | 15.72 | 15.55 | 15.59 | 16.5 | 0 |
| 10 | 64QAM | 25 | 12 | 15.71 | 15.61 | 15.69 | 15.69 | 15.65 | | |
| 10 | 64QAM | 25 | 25 | 15.79 | 15.54 | 15.75 | 15.68 | 15.73 | | |
| 10 | 64QAM | 50 | 0 | 15.65 | 15.53 | 15.53 | 15.54 | 15.58 | | |
| 10 | 256QAM | 1 | 0 | 15.77 | 15.66 | 15.77 | 15.62 | 15.74 | 16.5 | 0 |
| 10 | 256QAM | 1 | 25 | 15.70 | 15.62 | 15.76 | 15.61 | 15.65 | | |
| 10 | 256QAM | 1 | 49 | 15.68 | 15.52 | 15.60 | 15.58 | 15.66 | | |
| 10 | 256QAM | 25 | 0 | 15.79 | 15.73 | 15.77 | 15.69 | 15.77 | 16.5 | 0 |
| 10 | 256QAM | 25 | 12 | 15.78 | 15.64 | 15.84 | 15.62 | 15.67 | | |
| 10 | 256QAM | 25 | 25 | 15.80 | 15.61 | 15.82 | 15.46 | 15.52 | | |
| 10 | 256QAM | 50 | 0 | 15.69 | 15.52 | 15.68 | 15.54 | 15.59 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.50 | 0 |
| 5 | QPSK | 1 | 12 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | QPSK | 1 | 24 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | QPSK | 12 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | QPSK | 12 | 7 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | QPSK | 12 | 13 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | QPSK | 25 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 16QAM | 1 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 16QAM | 1 | 12 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 16QAM | 1 | 24 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 16QAM | 12 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 16QAM | 12 | 7 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 16QAM | 12 | 13 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 16QAM | 25 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 64QAM | 1 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 64QAM | 1 | 12 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 64QAM | 1 | 24 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 64QAM | 12 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 64QAM | 12 | 7 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 64QAM | 12 | 13 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 64QAM | 25 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 256QAM | 1 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 256QAM | 1 | 12 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 256QAM | 1 | 24 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 256QAM | 12 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | 16.5 | 0 |
| 5 | 256QAM | 12 | 7 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 256QAM | 12 | 13 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |
| 5 | 256QAM | 25 | 0 | 15.81 | 15.79 | 15.89 | 15.72 | 15.79 | | |

## Band 42_Ant 5

| 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 | 13.56 | 13.71 | 13.47 | 15 | 0 |
| 20 | QPSK | 1 | 49 | 13.45 | 13.48 | 13.41 | | |
| 20 | QPSK | 1 | 99 | 13.55 | 13.63 | 13.42 | | |
| 20 | QPSK | 50 | 0 | 13.59 | 13.68 | 13.58 | 15 | 0 |
| 20 | QPSK | 50 | 24 | 13.57 | 13.51 | 13.38 | | |
| 20 | QPSK | 50 | 50 | 13.42 | 13.44 | 13.51 | | |
| 20 | QPSK | 100 | 0 | 13.49 | 13.65 | 13.57 | | |
| 20 | 16QAM | 1 | 0 | 13.53 | 13.36 | 13.27 | 15 | 0 |
| 20 | 16QAM | 1 | 49 | 13.33 | 13.34 | 13.37 | | |
| 20 | 16QAM | 1 | 99 | 13.39 | 13.40 | 13.36 | | |
| 20 | 16QAM | 50 | 0 | 13.40 | 13.64 | 13.42 | 15 | 0 |
| 20 | 16QAM | 50 | 24 | 13.53 | 13.59 | 13.26 | | |
| 20 | 16QAM | 50 | 50 | 13.38 | 13.39 | 13.42 | | |
| 20 | 16QAM | 100 | 0 | 13.53 | 13.57 | 13.57 | | |
| 20 | 64QAM | 1 | 0 | 13.31 | 13.48 | 13.30 | 15 | 0 |
| 20 | 64QAM | 1 | 49 | 13.51 | 13.50 | 13.41 | | |
| 20 | 64QAM | 1 | 99 | 13.46 | 13.49 | 13.37 | | |
| 20 | 64QAM | 50 | 0 | 13.36 | 13.46 | 13.25 | 15 | 0 |
| 20 | 64QAM | 50 | 24 | 13.45 | 13.51 | 13.48 | | |
| 20 | 64QAM | 50 | 50 | 13.31 | 13.55 | 13.48 | | |
| 20 | 64QAM | 100 | 0 | 13.50 | 13.39 | 13.30 | | |
| 20 | 256QAM | 1 | 0 | 13.35 | 13.56 | 13.43 | 15 | 0 |
| 20 | 256QAM | 1 | 49 | 13.38 | 13.50 | 13.43 | | |
| 20 | 256QAM | 1 | 99 | 13.49 | 13.44 | 13.32 | | |
| 20 | 256QAM | 50 | 0 | 13.39 | 13.45 | 13.33 | 15 | 0 |
| 20 | 256QAM | 50 | 24 | 13.40 | 13.50 | 13.46 | | |
| 20 | 256QAM | 50 | 50 | 13.43 | 13.47 | 13.28 | | |
| 20 | 256QAM | 100 | 0 | 13.39 | 13.39 | 13.50 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 13.48 | 13.69 | 13.43 | 15 | 0 |
| 15 | QPSK | 1 | 37 | 13.45 | 13.34 | 13.44 | | |
| 15 | QPSK | 1 | 74 | 13.47 | 13.58 | 13.45 | | |
| 15 | QPSK | 36 | 0 | 13.42 | 13.56 | 13.47 | 15 | 0 |
| 15 | QPSK | 36 | 20 | 13.50 | 13.43 | 13.31 | | |
| 15 | QPSK | 36 | 39 | 13.35 | 13.46 | 13.35 | | |
| 15 | QPSK | 75 | 0 | 13.42 | 13.56 | 13.40 | | |
| 15 | 16QAM | 1 | 0 | 13.43 | 13.38 | 13.41 | 15 | 0 |
| 15 | 16QAM | 1 | 37 | 13.42 | 13.39 | 13.43 | | |
| 15 | 16QAM | 1 | 74 | 13.44 | 13.39 | 13.41 | | |
| 15 | 16QAM | 36 | 0 | 13.46 | 13.58 | 13.54 | 15 | 0 |
| 15 | 16QAM | 36 | 20 | 13.50 | 13.56 | 13.37 | | |
| 15 | 16QAM | 36 | 39 | 13.43 | 13.37 | 13.39 | | |
| 15 | 16QAM | 75 | 0 | 13.45 | 13.64 | 13.52 | | |
| 15 | 64QAM | 1 | 0 | 13.42 | 13.43 | 13.32 | 15 | 0 |
| 15 | 64QAM | 1 | 37 | 13.45 | 13.48 | 13.50 | | |
| 15 | 64QAM | 1 | 74 | 13.45 | 13.50 | 13.51 | | |
| 15 | 64QAM | 36 | 0 | 13.35 | 13.36 | 13.36 | 15 | 0 |
| 15 | 64QAM | 36 | 20 | 13.34 | 13.53 | 13.45 | | |
| 15 | 64QAM | 36 | 39 | 13.44 | 13.46 | 13.51 | | |
| 15 | 64QAM | 75 | 0 | 13.47 | 13.42 | 13.40 | | |
| 15 | 256QAM | 1 | 0 | 13.30 | 13.46 | 13.35 | 15 | 0 |
| 15 | 256QAM | 1 | 37 | 13.43 | 13.58 | 13.42 | | |
| 15 | 256QAM | 1 | 74 | 13.52 | 13.50 | 13.42 | | |
| 15 | 256QAM | 36 | 0 | 13.48 | 13.33 | 13.35 | 15 | 0 |
| 15 | 256QAM | 36 | 20 | 13.35 | 13.59 | 13.42 | | |
| 15 | 256QAM | 36 | 39 | 13.41 | 13.48 | 13.32 | | |
| 15 | 256QAM | 75 | 0 | 13.40 | 13.41 | 13.46 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 13.46 | 13.67 | 13.33 | 15 | 0 |
| 10 | QPSK | 1 | 25 | 13.39 | 13.44 | 13.40 | | |
| 10 | QPSK | 1 | 49 | 13.46 | 13.56 | 13.51 | | |
| 

# Reduced Power for DSI 4

| GSM850_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.20 | 32.22 | 32.18 | 33.50 | 23.20 | 23.22 | 23.18 | 24.50 |
| GPRS 1 Tx slot | 32.28 | 32.30 | 32.25 | 33.50 | 23.28 | 23.30 | 23.25 | 24.50 |
| GPRS 2 Tx slots | 30.15 | 30.22 | 30.21 | 31.50 | 24.15 | 24.22 | 24.21 | 25.50 |
| GPRS 3 Tx slots | 27.58 | 27.70 | 27.62 | 29.00 | 23.32 | 23.44 | 23.36 | 24.74 |
| GPRS 4 Tx slots | 25.51 | 25.68 | 25.65 | 27.00 | 22.51 | 22.68 | 22.65 | 24.00 |
| EDGE 1 Tx slot | 25.67 | 25.75 | 25.70 | 27.00 | 16.67 | 16.75 | 16.70 | 18.00 |
| EDGE 2 Tx slots | 23.41 | 23.50 | 23.44 | 25.00 | 17.41 | 17.50 | 17.44 | 19.00 |
| EDGE 3 Tx slots | 21.37 | 21.43 | 21.38 | 23.00 | 17.11 | 17.17 | 17.12 | 18.74 |
| EDGE 4 Tx slots | 18.60 | 18.69 | 18.57 | 20.00 | 15.60 | 15.69 | 15.57 | 17.00 |

| GSM1900_Ant 0 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|
| TX Channel | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.10 | 29.30 | 29.15 | 30.50 | 20.10 | 20.30 | 20.15 | 21.50 |
| GPRS 1 Tx slot | 29.17 | 29.33 | 29.20 | 30.50 | 20.17 | 20.33 | 20.20 | 21.50 |
| GPRS 2 Tx slots | 26.96 | 27.10 | 27.02 | 28.00 | 20.96 | 21.10 | 21.02 | 22.00 |
| GPRS 3 Tx slots | 24.92 | 25.00 | 24.88 | 26.00 | 20.66 | 20.74 | 20.62 | 21.74 |
| GPRS 4 Tx slots | 22.38 | 22.55 | 22.45 | 24.00 | 19.38 | 19.55 | 19.45 | 21.00 |
| EDGE 1 Tx slot | 24.87 | 25.00 | 24.92 | 26.50 | 15.87 | 16.00 | 15.92 | 17.50 |
| EDGE 2 Tx slots | 22.90 | 22.98 | 22.88 | 24.50 | 16.90 | 16.98 | 16.88 | 18.50 |
| EDGE 3 Tx slots | 20.67 | 20.70 | 20.64 | 22.00 | 16.41 | 16.44 | 16.38 | 17.74 |
| EDGE 4 Tx slots | 18.58 | 18.66 | 18.62 | 20.00 | 15.58 | 15.66 | 15.62 | 17.00 |

**<WCDMA>**

| Band | | WCDMA II_Ant 0 | | | Tune-up Limit (dBm) | WCDMA IV_Ant 0 | | | Tune-up Limit (dBm) | WCDMA V_Ant 0 | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| 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 | 22.39 | 22.45 | 22.35 | 24.00 | 22.51 | 22.62 | 22.58 | 24.00 | 22.62 | 22.66 | 22.54 | 24.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.54 | 22.58 | 22.49 | 24.00 | 22.64 | 22.69 | 22.60 | 24.00 | 22.69 | 22.70 | 22.67 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.53 | 21.52 | 21.56 | 23.00 | 21.54 | 21.69 | 21.69 | 23.00 | 21.70 | 21.76 | 21.66 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.49 | 21.55 | 21.58 | 23.00 | 21.56 | 21.75 | 21.72 | 23.00 | 21.72 | 21.75 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.01 | 21.00 | 21.07 | 22.50 | 21.04 | 21.22 | 20.88 | 22.50 | 21.22 | 21.25 | 21.15 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.98 | 21.05 | 21.12 | 22.50 | 21.04 | 21.20 | 21.27 | 22.50 | 21.24 | 21.27 | 21.13 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.53 | 21.59 | 21.68 | 23.00 | 21.58 | 21.75 | 21.75 | 23.00 | 21.72 | 21.76 | 21.67 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.52 | 19.58 | 19.70 | 21.00 | 19.59 | 19.77 | 19.76 | 21.00 | 19.69 | 19.73 | 19.66 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.51 | 20.58 | 20.70 | 22.00 | 20.57 | 20.77 | 20.77 | 22.00 | 20.75 | 20.71 | 20.67 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.52 | 19.58 | 19.67 | 21.00 | 19.63 | 19.77 | 19.79 | 21.00 | 19.72 | 19.74 | 19.71 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.50 | 21.60 | 21.70 | 23.00 | 21.60 | 21.80 | 21.80 | 23.00 | 21.70 | 21.80 | 21.70 | 23.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.16 | 20.25 | 20.22 | 20.50 | 20.05 | 20.22 | 20.16 | 20.50 | 19.77 | 19.80 | 19.69 | 20.50 |

## Band 2_Ant 0

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.45 | 22.54 | 22.55 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.46 | 22.48 | | |
| 20 | QPSK | 1 | 99 | 22.35 | 22.39 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.59 | 21.69 | 21.64 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.55 | 21.61 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.50 | 21.54 | 21.54 | | |
| 20 | QPSK | 100 | 0 | 21.44 | 21.48 | 21.45 | | |
| 20 | 16QAM | 1 | 0 | 21.79 | 21.82 | 21.80 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.79 | 21.82 | 21.79 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.73 | | |
| 20 | 16QAM | 50 | 0 | 20.60 | 20.53 | 20.56 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.60 | 20.59 | | |
| 20 | 16QAM | 50 | 50 | 20.53 | 20.60 | 20.60 | | |
| 20 | 16QAM | 100 | 0 | 20.55 | 20.61 | 20.54 | | |
| 20 | 64QAM | 1 | 0 | 20.59 | 20.70 | 20.68 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.68 | 20.64 | 20.69 | | |
| 20 | 64QAM | 1 | 99 | 20.54 | 20.74 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.60 | 19.58 | 19.61 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.62 | 19.63 | 19.61 | | |
| 20 | 64QAM | 50 | 50 | 19.54 | 19.59 | 19.69 | | |
| 20 | 64QAM | 100 | 0 | 19.57 | 19.63 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 17.59 | 17.62 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.70 | 17.64 | 17.79 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.75 | 17.82 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.65 | 17.59 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.58 | 17.59 | 17.64 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.66 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.71 | 17.62 | 17.53 | | |
| Channel | | | | 18675 | 18900 | 19125 | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 0 | 22.44 | 22.51 | 22.48 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.38 | 22.48 | 22.48 | | |
| 15 | QPSK | 1 | 74 | 22.36 | 22.38 | 22.41 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.60 | 21.56 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.46 | 21.52 | 21.58 | | |
| 15 | QPSK | 36 | 39 | 21.41 | 21.54 | 21.50 | | |
| 15 | QPSK | 75 | 0 | 21.41 | 21.49 | 21.44 | | |
| 15 | 16QAM | 1 | 0 | 21.78 | 21.83 | 21.85 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.79 | 21.83 | 21.74 | | |
| 15 | 16QAM | 1 | 74 | 21.73 | 21.66 | 21.75 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.44 | 20.48 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.56 | 20.61 | 20.60 | | |
| 15 | 16QAM | 36 | 39 | 20.57 | 20.53 | 20.57 | | |
| 15 | 16QAM | 75 | 0 | 20.51 | 20.55 | 20.53 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.64 | 20.59 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.67 | 20.60 | 20.66 | | |
| 15 | 64QAM | 1 | 74 | 20.44 | 20.77 | 20.62 | | |
| 15 | 64QAM | 36 | 0 | 19.60 | 19.57 | 19.57 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.60 | 19.68 | 19.65 | | |
| 15 | 64QAM | 36 | 39 | 19.55 | 19.54 | 19.72 | | |
| 15 | 64QAM | 75 | 0 | 19.55 | 19.57 | 19.51 | | |
| 15 | 256QAM | 1 | 0 | 17.60 | 17.55 | 17.79 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.64 | 17.58 | 17.77 | | |
| 15 | 256QAM | 1 | 74 | 17.77 | 17.74 | 17.72 | | |
| 15 | 256QAM | 36 | 0 | 17.73 | 17.67 | 17.52 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.56 | 17.50 | 17.69 | | |
| 15 | 256QAM | 36 | 39 | 17.66 | 17.60 | 17.49 | | |
| 15 | 256QAM | 75 | 0 | 17.74 | 17.54 | 17.51 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.39 | 22.47 | 22.46 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.28 | 22.48 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.39 | 22.40 | 22.48 | | |
| 10 | QPSK | 25 | 0 | 21.50 | 21.67 | 21.60 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.56 | 21.65 | 21.55 | | |
| 10 | QPSK | 25 | 25 | 21.41 | 21.45 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.45 | 21.41 | 21.47 | | |
| 10 | 16QAM | 1 | 0 | 21.70 | 21.73 | 21.71 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.74 | 21.79 | 21.75 | | |
| 10 | 16QAM | 1 | 49 | 21.70 | 21.65 | 21.78 | | |
| 10 | 16QAM | 25 | 0 | 20.54 | 20.45 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.58 | 20.61 | 20.61 | | |
| 10 | 16QAM | 25 | 25 | 20.46 | 20.58 | 20.63 | | |
| 10 | 16QAM | 50 | 0 | 20.47 | 20.53 | 20.47 | | |
| 10 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.63 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.69 | 20.68 | 20.63 | | |
| 10 | 64QAM | 1 | 49 | 20.58 | 20.72 | 20.61 | | |
| 10 | 64QAM | 25 | 0 | 19.65 | 19.49 | 19.65 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.63 | 19.63 | 19.61 | | |
| 10 | 64QAM | 25 | 25 | 19.44 | 19.60 | 19.74 | | |
| 10 | 64QAM | 50 | 0 | 19.49 | 19.64 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.52 | 17.63 | 17.81 | 19 | 5 |
| 10 | 256QAM | 1 | 23 | 17.65 | 17.56 | 17.64 | | |
| 10 | 256QAM | 1 | 49 | 17.64 | 17.68 | 17.70 | | |
| 10 | 256QAM | 25 | 0 | 17.74 | 17.64 | 17.60 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.57 | 17.53 | 17.64 | | |
| 10 | 256QAM | 25 | 25 | 17.51 | 17.58 | 17.47 | | |
| 10 | 256QAM | 50 | 0 | 17.74 | 17.60 | 17.51 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.40 | 22.48 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.48 | 22.47 | | |
| 5 | QPSK | 1 | 24 | 22.35 | 22.42 | 22.40 | | |
| 5 | QPSK | 12 | 0 | 21.57 | 21.70 | 21.62 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.51 | 21.62 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.54 | 21.54 | 21.50 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.41 | 21.47 | | |
| 5 | 16QAM | 1 | 0 | 21.83 | 21.86 | 21.74 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.76 | 21.87 | 21.80 | | |
| 5 | 16QAM | 1 | 24 | 21.75 | 21.78 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.61 | 20.47 | 20.60 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.58 | 20.60 | 20.56 | | |
| 5 | 16QAM | 12 | 13 | 20.44 | 20.63 | 20.56 | | |
| 5 | 16QAM | 25 | 0 | 20.56 | 20.56 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 20.54 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.64 | 20.68 | 20.59 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.65 | 20.63 | | |
| 5 | 64QAM | 12 | 0 | 19.61 | 19.54 | 19.57 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.54 | 19.59 | 19.58 | | |
| 5 | 64QAM | 12 | 13 | 19.50 | 19.63 | 19.61 | | |
| 5 | 64QAM | 25 | 0 | 19.55 | 19.62 | 19.59 | | |
| 5 | 256QAM | 1 | 0 | 17.61 | 17.54 | 17.77 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.63 | 17.63 | 17.70 | | |
| 5 | 256QAM | 1 | 24 | 17.76 | 17.65 | 17.68 | | |
| 5 | 256QAM | 12 | 0 | 17.66 | 17.58 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.59 | 17.56 | 17.66 | | |
| 5 | 256QAM | 12 | 13 | 17.54 | 17.71 | 17.55 | | |
| 5 | 256QAM | 25 | 0 | 17.63 | 17.55 | 17.49 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.45 | 22.49 | 22.50 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.43 | 22.38 | | |
| 3 | QPSK | 1 | 14 | 22.40 | 22.31 | 22.51 | | |
| 3 | QPSK | 8 | 0 | 21.52 | 21.73 | 21.65 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.60 | 21.51 | | |
| 3 | QPSK | 8 | 7 | 21.42 | 21.58 | 21.46 | | |
| 3 | QPSK | 15 | 0 | 21.37 | 21.41 | 21.41 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.79 | 21.80 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.78 | 21.71 | | |
| 3 | 16QAM | 1 | 14 | 21.68 | 21.74 | 21.72 | | |
| 3 | 16QAM | 8 | 0 | 20.63 | 20.43 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.60 | 20.56 | 20.56 | | |
| 3 | 16QAM | 8 | 7 | 20.46 | 20.51 | 20.62 | | |
| 3 | 16QAM | 15 | 0 | 20.58 | 20.54 | 20.57 | | |
| 3 | 64QAM | 1 | 0 | 20.51 | 20.69 | 20.70 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.56 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.45 | 20.65 | 20.60 | | |
| 3 | 64QAM | 8 | 0 | 19.59 | 19.56 | 19.58 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.61 | 19.63 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.60 | 19.72 | | |
| 3 | 64QAM | 15 | 0 | 19.47 | 19.59 | 19.60 | | |
| 3 | 256QAM | 1 | 0 | 17.55 | 17.64 | 17.72 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.68 | 17.56 | 17.83 | | |
| 3 | 256QAM | 1 | 14 | 17.83 | 17.72 | 17.70 | | |
| 3 | 256QAM | 8 | 0 | 17.65 | 17.57 | 17.53 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.56 | 17.57 | 17.57 | | |
| 3 | 256QAM | 8 | 7 | 17.59 | 17.56 | 17.56 | | |
| 3 | 256QAM | 15 | 0 | 17.64 | 17.61 | 17.50 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.43 | 22.49 | 22.53 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.27 | 22.46 | 22.48 | | |
| 1.4 | QPSK | 1 | 5 | 22.36 | 22.40 | 22.52 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.42 | 22.29 | | |
| 1.4 | QPSK | 3 | 1 | 22.21 | 22.31 | 22.21 | | |
| 1.4 | QPSK | 3 | 3 | 22.15 | 22.27 | 22.22 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.52 | 21.38 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.70 | 21.79 | 21.77 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.71 | 21.87 | 21.73 | | |
| 1.4 | 16QAM | 1 | 5 | 21.64 | 21.68 | 21.77 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.55 | 21.52 | | |
| 1.4 | 16QAM | 3 | 1 | 21.59 | 21.55 | 21.53 | | |
| 1.4 | 16QAM | 3 | 3 | 21.54 | 21.64 | 21.62 | | |
| 1.4 | 16QAM | 6 | 0 | 20.56 | 20.65 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.55 | 20.72 | 20.60 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.72 | 20.58 | 20.63 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.65 | 20.60 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.57 | 20.56 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 20.65 | 20.61 | | |
| 1.4 | 64QAM | 3 | 3 | 20.48 | 20.59 | 20.64 | | |
| 1.4 | 64QAM | 6 | 0 | 19.56 | 19.53 | 19.58 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.49 | 17.65 | 17.77 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.63 | 17.79 | | |
| 1.4 | 256QAM | 1 | 5 | 17.50 | 17.68 | 17.75 | | |
| 1.4 | 256QAM | 3 | 0 | 17.66 | 17.55 | 17.54 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.63 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.66 | 17.68 | | |
| 1.4 | 256QAM | 6 | 0 | 17.69 | 17.61 | 17.46 | 19 | 5 |

## Band 2_Ant 4

| 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 | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.72 | 22.81 | 22.68 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.72 | 22.74 | 22.64 | | |
| 20 | QPSK | 1 | 99 | 22.57 | 22.57 | 22.50 | | |
| 20 | QPSK | 50 | 0 | 21.55 | 22.01 | 21.81 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.56 | 21.90 | 21.76 | | |
| 20 | QPSK | 50 | 50 | 21.87 | 21.79 | 21.71 | | |
| 20 | QPSK | 100 | 0 | 21.91 | 21.95 | 21.69 | | |
| 20 | 16QAM | 1 | 0 | 22.26 | 22.35 | 22.04 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.31 | 22.02 | 21.87 | | |
| 20 | 16QAM | 1 | 99 | 21.99 | 21.94 | 22.00 | | |
| 20 | 16QAM | 50 | 0 | 20.95 | 20.79 | 20.69 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.96 | 20.81 | 20.57 | | |
| 20 | 16QAM | 50 | 50 | 20.82 | 20.81 | 20.62 | | |
| 20 | 16QAM | 100 | 0 | 20.82 | 20.79 | 20.58 | | |
| 20 | 64QAM | 1 | 0 | 21.04 | 21.02 | 20.90 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.03 | 20.87 | 20.85 | | |
| 20 | 64QAM | 1 | 99 | 21.02 | 21.04 | 21.02 | | |
| 20 | 64QAM | 50 | 0 | 19.95 | 19.88 | 19.74 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.88 | 19.92 | 19.72 | | |
| 20 | 64QAM | 50 | 50 | 19.87 | 19.74 | 19.70 | | |
| 20 | 64QAM | 100 | 0 | 19.88 | 19.88 | 19.61 | | |
| 20 | 256QAM | 1 | 0 | 17.60 | 17.64 | 17.78 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.73 | 17.66 | 17.77 | | |
| 20 | 256QAM | 1 | 99 | 17.89 | 17.64 | 17.80 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.59 | 17.53 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.67 | 17.64 | 17.55 | | |
| 20 | 256QAM | 50 | 50 | 17.56 | 17.64 | 17.58 | | |
| 20 | 256QAM | 100 | 0 | 17.58 | 17.62 | 17.68 | | |
| Channel | | | | 18675 | 18900 | 19125 | | |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | Tune-up limit (dBm) | MPR (dB) |
| 15 | QPSK | 1 | 0 | 22.71 | 22.83 | 22.64 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.64 | 22.81 | 22.67 | | |
| 15 | QPSK | 1 | 74 | 22.48 | 22.54 | 22.45 | | |
| 15 | QPSK | 36 | 0 | 21.89 | 22.01 | 21.83 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.80 | 21.88 | 21.77 | | |
| 15 | QPSK | 36 | 39 | 21.80 | 21.81 | 21.70 | | |
| 15 | QPSK | 75 | 0 | 21.61 | 21.91 | 21.67 | | |
| 15 | 16QAM | 1 | 0 | 22.17 | 22.24 | 21.97 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.02 | 22.03 | 21.90 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 21.91 | 22.04 | | |
| 15 | 16QAM | 36 | 0 | 20.95 | 20.83 | 20.72 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.90 | 20.76 | 20.55 | | |
| 15 | 16QAM | 36 | 39 | 20.87 | 20.98 | 20.54 | | |
| 15 | 16QAM | 75 | 0 | 20.81 | 20.85 | 20.58 | | |
| 15 | 64QAM | 1 | 0 | 20.99 | 21.01 | 20.93 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.15 | 20.91 | 20.87 | | |
| 15 | 64QAM | 1 | 74 | 20.99 | 21.09 | 21.00 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.80 | 19.74 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.78 | 19.84 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.92 | 19.75 | 19.72 | | |
| 15 | 64QAM | 75 | 0 | 19.93 | 19.86 | 19.83 | | |
| 15 | 256QAM | 1 | 0 | 17.52 | 17.64 | 17.74 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.77 | 17.65 | 17.72 | | |
| 15 | 256QAM | 1 | 74 | 17.62 | 17.61 | 17.57 | | |
| 15 | 256QAM | 36 | 0 | 17.65 | 17.57 | 17.56 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.58 | 17.66 | 17.61 | | |
| 15 | 256QAM | 36 | 39 | 17.56 | 17.67 | 17.62 | | |
| 15 | 256QAM | 75 | 0 | 17.64 | 17.54 | 17.19 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.66 | 22.89 | 22.69 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.68 | 22.65 | 22.66 | | |
| 10 | QPSK | 1 | 49 | 22.60 | 22.49 | 22.68 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 22.01 | 21.75 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.91 | 21.92 | 21.77 | | |
| 10 | QPSK | 25 | 25 | 21.92 | 21.80 | 21.61 | | |
| 10 | QPSK | 50 | 0 | 21.92 | 21.96 | 21.59 | | |
| 10 | 16QAM | 1 | 0 | 22.17 | 22.22 | 22.09 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.10 | 21.93 | 21.88 | | |
| 10 | 16QAM | 1 | 49 | 21.91 | 21.85 | 22.03 | | |
| 10 | 16QAM | 25 | 0 | 20.90 | 20.73 | 20.62 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.98 | 20.81 | 20.61 | | |
| 10 | 16QAM | 25 | 25 | 20.87 | 20.71 | 20.55 | | |
| 10 | 16QAM | 50 | 0 | 20.86 | 20.76 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 21.08 | 20.95 | 20.84 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.12 | 20.88 | 20.83 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 20.97 | 20.94 | | |
| 10 | 64QAM | 25 | 0 | 19.99 | 19.79 | 19.74 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.88 | 19.84 | 19.64 | | |
| 10 | 64QAM | 25 | 25 | 19.84 | 19.79 | 19.64 | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.91 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.62 | 17.62 | 17.74 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.59 | 17.79 | | |
| 10 | 256QAM | 1 | 49 | 17.72 | 17.55 | 17.60 | | |
| 10 | 256QAM | 25 | 0 | 17.66 | 17.60 | 17.45 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.71 | 17.59 | 17.57 | | |
| 10 | 256QAM | 25 | 25 | 17.60 | 17.58 | 17.47 | | |
| 10 | 256QAM | 50 | 0 | 17.54 | 17.59 | 17.66 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.74 | 22.84 | 22.66 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.61 | 22.74 | 22.56 | | |
| 5 | QPSK | 1 | 24 | 22.56 | 22.51 | 22.50 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.99 | 21.84 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.93 | 21.81 | 21.70 | | |
| 5 | QPSK | 12 | 13 | 21.80 | 21.69 | 21.76 | | |
| 5 | QPSK | 25 | 0 | 21.86 | 21.95 | 21.66 | | |
| 5 | 16QAM | 1 | 0 | 22.22 | 22.33 | 21.97 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.12 | 21.95 | 21.93 | | |
| 5 | 16QAM | 1 | 24 | 21.93 | 21.94 | 22.06 | | |
| 5 | 16QAM | 12 | 0 | 20.94 | 20.75 | 20.69 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.98 | 20.85 | 20.50 | | |
| 5 | 16QAM | 12 | 13 | 20.92 | 20.84 | 20.67 | | |
| 5 | 16QAM | 25 | 0 | 20.92 | 20.79 | 20.60 | | |
| 5 | 64QAM | 1 | 0 | 20.99 | 21.03 | 20.89 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.18 | 20.85 | 20.79 | | |
| 5 | 64QAM | 1 | 24 | 20.92 | 20.94 | 21.00 | | |
| 5 | 64QAM | 12 | 0 | 19.96 | 19.82 | 19.65 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.89 | 19.93 | 19.66 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.73 | 19.66 | | |
| 5 | 64QAM | 25 | 0 | 19.88 | 19.81 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.58 | 17.66 | 17.75 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.75 | 17.59 | 17.82 | | |
| 5 | 256QAM | 1 | 24 | 17.66 | 17.59 | 17.51 | | |
| 5 | 256QAM | 12 | 0 | 17.77 | 17.62 | 17.52 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.61 | 17.65 | 17.62 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.57 | 17.50 | | |
| 5 | 256QAM | 25 | 0 | 17.49 | 17.57 | 17.68 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.73 | 22.85 | 22.63 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.61 | 22.76 | 22.61 | | |
| 3 | QPSK | 1 | 14 | 22.51 | 22.52 | 22.46 | | |
| 3 | QPSK | 8 | 0 | 21.82 | 21.97 | 21.74 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.46 | 21.87 | 21.79 | | |
| 3 | QPSK | 8 | 7 | 21.82 | 21.77 | 21.67 | | |
| 3 | QPSK | 15 | 0 | 21.88 | 21.91 | 21.68 | | |
| 3 | 16QAM | 1 | 0 | 22.24 | 22.32 | 22.08 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 22.00 | 22.00 | 21.82 | | |
| 3 | 16QAM | 1 | 14 | 21.91 | 21.88 | 22.01 | | |
| 3 | 16QAM | 8 | 0 | 20.92 | 20.76 | 20.60 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.97 | 20.73 | 20.57 | | |
| 3 | 16QAM | 8 | 7 | 20.85 | 20.77 | 20.55 | | |
| 3 | 16QAM | 15 | 0 | 20.80 | 20.69 | 20.59 | | |
| 3 | 64QAM | 1 | 0 | 21.00 | 21.09 | 20.84 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 21.20 | 20.77 | 20.79 | | |
| 3 | 64QAM | 1 | 14 | 21.00 | 21.07 | 21.04 | | |
| 3 | 64QAM | 8 | 0 | 19.97 | 19.91 | 19.78 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.79 | 19.92 | 19.73 | | |
| 3 | 64QAM | 8 | 7 | 19.77 | 19.88 | 19.67 | | |
| 3 | 64QAM | 15 | 0 | 19.90 | 19.90 | 19.65 | | |
| 3 | 256QAM | 1 | 0 | 17.64 | 17.66 | 17.77 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.84 | 17.66 | 17.75 | | |
| 3 | 256QAM | 1 | 14 | 17.59 | 17.69 | 17.51 | | |
| 3 | 256QAM | 8 | 0 | 17.66 | 17.64 | 17.50 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.63 | 17.59 | 17.51 | | |
| 3 | 256QAM | 8 | 7 | 17.55 | 17.67 | 17.46 | | |
| 3 | 256QAM | 15 | 0 | 17.48 | 17.65 | 17.52 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.81 | 22.81 | 22.74 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.58 | 22.74 | 22.61 | | |
| 1.4 | QPSK | 1 | 5 | 22.48 | 22.60 | 22.44 | | |
| 1.4 | QPSK | 3 | 0 | 22.61 | 22.67 | 22.46 | | |
| 1.4 | QPSK | 3 | 1 | 22.29 | 22.05 | 22.43 | | |
| 1.4 | QPSK | 3 | 3 | 22.48 | 22.51 | 22.46 | | |
| 1.4 | QPSK | 6 | 0 | 21.81 | 21.92 | 21.74 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.29 | 22.07 | 22.02 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.05 | 22.07 | 21.85 | | |
| 1.4 | 16QAM | 1 | 5 | 21.96 | 21.92 | 22.04 | | |
| 1.4 | 16QAM | 3 | 0 | 21.99 | 21.84 | 21.73 | | |
| 1.4 | 16QAM | 3 | 1 | 21.94 | 21.82 | 21.60 | | |
| 1.4 | 16QAM | 3 | 3 | 21.92 | 21.75 | 21.56 | | |
| 1.4 | 16QAM | 6 | 0 | 20.73 | 20.78 | 20.58 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.95 | 21.07 | 20.83 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.13 | 20.87 | 20.82 | | |
| 1.4 | 64QAM | 1 | 5 | 21.06 | 21.06 | 20.98 | | |
| 1.4 | 64QAM | 3 | 0 | 20.95 | 20.83 | 20.74 | | |
| 1.4 | 64QAM | 3 | 1 | 20.82 | 20.85 | 20.77 | | |
| 1.4 | 64QAM | 3 | 3 | 20.89 | 20.70 | 20.73 | | |
| 1.4 | 64QAM | 6 | 0 | 19.81 | 19.79 | 19.63 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.56 | 17.66 | 17.76 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.64 | 17.72 | 17.80 | | |
| 1.4 | 256QAM | 1 | 5 | 17.60 | 17.56 | 17.81 | | |
| 1.4 | 256QAM | 3 | 0 | 17.73 | 17.62 | 17.49 | 19 | 5 |
| 1.4 | 256QAM | 3 | 1 | 17.63 | 17.60 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.61 | 17.66 | 17.48 | | |
| 1.4 | 256QAM | 6 | 0 | 17.51 | 17.56 | 17.57 | 19 | 5 |

## Band 4_Ant 0

| 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 | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.45 | 22.34 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.16 | 22.34 | 22.25 | | |
| 20 | QPSK | 1 | 99 | 22.08 | 22.15 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.46 | 21.50 | 21.39 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.48 | 21.41 | 21.46 | | |
| 20 | QPSK | 50 | 50 | 21.27 | 21.35 | 21.35 | | |
| 20 | QPSK | 100 | 0 | 21.22 | 21.31 | 21.27 | | |
| 20 | 16QAM | 1 | 0 | 21.57 | 21.68 | 21.67 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.48 | 21.52 | 21.55 | | |
| 20 | 16QAM | 1 | 99 | 21.41 | 21.50 | 21.53 | | |
| 20 | 16QAM | 50 | 0 | 20.26 | 20.34 | 20.39 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.37 | 20.46 | | |
| 20 | 16QAM | 50 | 50 | 20.28 | 20.36 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.31 | 20.29 | 20.36 | | |
| 20 | 64QAM | 1 | 0 | 

## Band 5_Ant 0

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.43 | 22.44 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.38 | 22.30 | 22.26 | | |
| 10 | QPSK | 1 | 49 | 22.20 | 22.19 | 22.17 | | |
| 10 | QPSK | 25 | 0 | 21.52 | 21.61 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.50 | 21.49 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.54 | 21.33 | | |
| 10 | QPSK | 50 | 0 | 21.54 | 21.56 | 21.55 | | |
| 10 | 16QAM | 1 | 0 | 21.96 | 21.91 | 21.90 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.78 | 21.84 | 21.84 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 22.06 | 21.88 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.49 | 20.54 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.48 | 20.48 | | |
| 10 | 16QAM | 25 | 25 | 20.43 | 20.42 | 20.49 | | |
| 10 | 16QAM | 50 | 0 | 20.65 | 20.50 | 20.45 | | |
| 10 | 64QAM | 1 | 0 | 20.56 | 20.61 | 20.70 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.49 | 20.62 | 20.68 | | |
| 10 | 64QAM | 1 | 49 | 20.62 | 20.74 | 20.59 | | |
| 10 | 64QAM | 25 | 0 | 19.61 | 19.47 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.53 | 19.55 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.47 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.49 | 19.40 | | |
| 10 | 256QAM | 1 | 0 | 17.66 | 17.71 | 17.63 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.72 | 17.79 | 17.68 | | |
| 10 | 256QAM | 1 | 49 | 17.83 | 17.91 | 17.82 | | |
| 10 | 256QAM | 25 | 0 | 17.61 | 17.66 | 17.55 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.65 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.61 | 17.71 | 17.67 | | |
| 10 | 256QAM | 50 | 0 | 17.56 | 17.61 | 17.55 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.34 | 22.38 | 22.23 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.20 | 22.17 | | |
| 5 | QPSK | 1 | 24 | 22.20 | 22.17 | 22.20 | | |
| 5 | QPSK | 12 | 0 | 21.54 | 21.62 | 21.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.50 | 21.51 | 21.42 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.54 | 21.29 | | |
| 5 | QPSK | 25 | 0 | 21.58 | 21.56 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 22.00 | 21.93 | 21.82 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.82 | 21.86 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.70 | 22.06 | 21.79 | | |
| 5 | 16QAM | 12 | 0 | 20.54 | 20.49 | 20.57 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.50 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.43 | 20.47 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.61 | 20.50 | 20.48 | | |
| 5 | 64QAM | 1 | 0 | 20.49 | 20.59 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.41 | 20.52 | 20.58 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.79 | 20.61 | | |
| 5 | 64QAM | 12 | 0 | 19.57 | 19.52 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.56 | 19.46 | 19.46 | | |
| 5 | 64QAM | 12 | 13 | 19.46 | 19.37 | 19.49 | | |
| 5 | 64QAM | 25 | 0 | 19.58 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.61 | 17.55 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.61 | 17.75 | 17.65 | | |
| 5 | 256QAM | 1 | 24 | 17.78 | 17.86 | 17.74 | | |
| 5 | 256QAM | 12 | 0 | 17.56 | 17.56 | 17.51 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.41 | 17.53 | 17.52 | | |
| 5 | 256QAM | 12 | 13 | 17.49 | 17.66 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.44 | 17.58 | 17.45 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.38 | 22.36 | 22.32 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.40 | 22.31 | 22.17 | | |
| 3 | QPSK | 1 | 14 | 22.17 | 22.12 | 22.10 | | |
| 3 | QPSK | 8 | 0 | 21.55 | 21.62 | 21.49 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.52 | 21.47 | 21.48 | | |
| 3 | QPSK | 8 | 7 | 21.40 | 21.58 | 21.30 | | |
| 3 | QPSK | 15 | 0 | 21.54 | 21.57 | 21.58 | | |
| 3 | 16QAM | 1 | 0 | 21.86 | 21.83 | 21.83 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.69 | 21.81 | 21.78 | | |
| 3 | 16QAM | 1 | 14 | 21.70 | 22.04 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.65 | 20.48 | 20.55 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.61 | 20.49 | 20.45 | | |
| 3 | 16QAM | 8 | 7 | 20.47 | 20.32 | 20.43 | | |
| 3 | 16QAM | 15 | 0 | 20.56 | 20.45 | 20.41 | | |
| 3 | 64QAM | 1 | 0 | 20.55 | 20.56 | 20.60 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.43 | 20.62 | 20.59 | | |
| 3 | 64QAM | 1 | 14 | 20.52 | 20.77 | 20.61 | | |
| 3 | 64QAM | 8 | 0 | 19.57 | 19.44 | 19.54 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.55 | 19.58 | 19.54 | | |
| 3 | 64QAM | 8 | 7 | 19.52 | 19.57 | 19.45 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.46 | 19.31 | | |
| 3 | 256QAM | 1 | 0 | 17.56 | 17.65 | 17.52 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.70 | 17.77 | 17.56 | | |
| 3 | 256QAM | 1 | 14 | 17.82 | 17.85 | 17.74 | | |
| 3 | 256QAM | 8 | 0 | 17.55 | 17.58 | 17.44 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.48 | 17.63 | 17.44 | | |
| 3 | 256QAM | 8 | 7 | 17.54 | 17.64 | 17.51 | | |
| 3 | 256QAM | 15 | 0 | 17.50 | 17.55 | 17.51 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.42 | 22.42 | 22.35 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.41 | 22.33 | 22.22 | | |
| 1.4 | QPSK | 1 | 5 | 22.23 | 22.15 | 22.14 | | |
| 1.4 | QPSK | 3 | 0 | 22.40 | 22.41 | 22.21 | | |
| 1.4 | QPSK | 3 | 1 | 22.35 | 22.34 | 22.17 | | |
| 1.4 | QPSK | 3 | 3 | 22.23 | 22.30 | 22.14 | | |
| 1.4 | QPSK | 6 | 0 | 21.44 | 21.60 | 21.46 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.01 | 21.82 | 21.95 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.73 | 21.80 | 21.84 | | |
| 1.4 | 16QAM | 1 | 5 | 21.67 | 21.99 | 21.77 | | |
| 1.4 | 16QAM | 3 | 0 | 21.59 | 21.43 | 21.58 | | |
| 1.4 | 16QAM | 3 | 1 | 21.51 | 21.42 | 21.51 | | |
| 1.4 | 16QAM | 3 | 3 | 21.45 | 21.44 | 21.38 | | |
| 1.4 | 16QAM | 6 | 0 | 20.46 | 20.53 | 20.46 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.56 | 20.62 | 20.65 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.41 | 20.53 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.64 | 20.64 | 20.54 | | |
| 1.4 | 64QAM | 3 | 0 | 20.58 | 20.41 | 20.50 | | |
| 1.4 | 64QAM | 3 | 1 | 20.66 | 20.48 | 20.60 | | |
| 1.4 | 64QAM | 3 | 3 | 20.47 | 20.59 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.53 | 19.43 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.63 | 17.68 | 17.53 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.69 | 17.68 | 17.64 | | |
| 1.4 | 256QAM | 1 | 5 | 17.75 | 17.81 | 17.80 | | |
| 1.4 | 256QAM | 3 | 0 | 17.56 | 17.55 | 17.50 | | |
| 1.4 | 256QAM | 3 | 1 | 17.50 | 17.54 | 17.51 | | |
| 1.4 | 256QAM | 3 | 3 | 17.54 | 17.64 | 17.59 | | |
| 1.4 | 256QAM | 6 | 0 | 17.53 | 17.53 | 17.45 | 19 | 5 |

## Band 5_Ant 4

| 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 | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 22.16 | 22.42 | 22.35 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.25 | 22.25 | | |
| 10 | QPSK | 1 | 49 | 22.12 | 22.14 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.20 | 21.37 | 21.22 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.27 | 21.24 | 21.19 | | |
| 10 | QPSK | 25 | 25 | 21.21 | 21.19 | 21.20 | | |
| 10 | QPSK | 50 | 0 | 21.26 | 21.30 | 21.21 | | |
| 10 | 16QAM | 1 | 0 | 21.56 | 21.24 | 21.44 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.51 | 21.35 | 21.45 | | |
| 10 | 16QAM | 1 | 49 | 21.49 | 21.25 | 21.44 | | |
| 10 | 16QAM | 25 | 0 | 20.25 | 20.30 | 20.27 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.24 | 20.30 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.25 | 20.32 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.30 | 20.27 | 20.20 | | |
| 10 | 64QAM | 1 | 0 | 20.24 | 20.54 | 20.61 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.60 | 20.31 | 20.46 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.23 | 20.55 | | |
| 10 | 64QAM | 25 | 0 | 19.30 | 19.38 | 19.17 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.27 | 19.27 | 19.28 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.39 | 19.27 | | |
| 10 | 64QAM | 50 | 0 | 19.30 | 19.27 | 19.22 | | |
| 10 | 256QAM | 1 | 0 | 17.32 | 17.40 | 17.28 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.31 | 17.38 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.18 | 17.30 | 17.23 | | |
| 10 | 256QAM | 25 | 0 | 17.22 | 17.33 | 17.26 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.27 | 17.36 | 17.26 | | |
| 10 | 256QAM | 25 | 25 | 17.22 | 17.33 | 17.24 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.72 | 17.62 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 22.27 | 22.30 | 22.22 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.13 | 22.15 | 22.22 | | |
| 5 | QPSK | 1 | 24 | 22.09 | 22.08 | 22.15 | | |
| 5 | QPSK | 12 | 0 | 21.26 | 21.33 | 21.13 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.20 | 21.15 | 21.11 | | |
| 5 | QPSK | 12 | 13 | 21.14 | 21.16 | 21.12 | | |
| 5 | QPSK | 25 | 0 | 21.19 | 21.27 | 21.13 | | |
| 5 | 16QAM | 1 | 0 | 21.45 | 21.12 | 21.36 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.41 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 24 | 21.43 | 21.13 | 21.41 | | |
| 5 | 16QAM | 12 | 0 | 20.20 | 20.26 | 20.18 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.19 | 20.26 | 20.13 | | |
| 5 | 16QAM | 12 | 13 | 20.17 | 20.22 | 20.18 | | |
| 5 | 16QAM | 25 | 0 | 20.21 | 20.24 | 20.11 | | |
| 5 | 64QAM | 1 | 0 | 20.16 | 20.47 | 20.53 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.54 | 20.23 | 20.43 | | |
| 5 | 64QAM | 1 | 24 | 20.21 | 20.18 | 20.45 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.33 | 19.11 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.19 | 19.21 | 19.19 | | |
| 5 | 64QAM | 12 | 13 | 19.21 | 19.18 | 19.21 | | |
| 5 | 64QAM | 25 | 0 | 19.21 | 19.18 | 19.11 | | |
| 5 | 256QAM | 1 | 0 | 17.28 | 17.32 | 17.23 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.27 | 17.26 | 17.19 | | |
| 5 | 256QAM | 1 | 24 | 17.09 | 17.27 | 17.21 | | |
| 5 | 256QAM | 12 | 0 | 17.19 | 17.29 | 17.16 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.16 | 17.33 | 17.26 | | |
| 5 | 256QAM | 12 | 13 | 17.18 | 17.25 | 17.16 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.56 | 17.52 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 22.30 | 22.37 | 22.18 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.14 | 22.20 | 22.18 | | |
| 3 | QPSK | 1 | 14 | 22.07 | 22.03 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.21 | 21.25 | 21.18 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.18 | 21.14 | 21.14 | | |
| 3 | QPSK | 8 | 7 | 21.11 | 21.15 | 21.13 | | |
| 3 | QPSK | 15 | 0 | 21.19 | 21.24 | 21.11 | | |
| 3 | 16QAM | 1 | 0 | 21.51 | 21.17 | 21.42 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.39 | 21.43 | 21.39 | | |
| 3 | 16QAM | 1 | 14 | 21.44 | 21.22 | 21.34 | | |
| 3 | 16QAM | 8 | 0 | 20.17 | 20.24 | 20.18 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.13 | 20.22 | 20.13 | | |
| 3 | 16QAM | 8 | 7 | 20.16 | 20.23 | 20.14 | | |
| 3 | 16QAM | 15 | 0 | 20.23 | 20.18 | 20.09 | | |
| 3 | 64QAM | 1 | 0 | 20.17 | 20.47 | 20.53 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.50 | 20.24 | 20.39 | | |
| 3 | 64QAM | 1 | 14 | 20.23 | 20.11 | 20.41 | | |
| 3 | 64QAM | 8 | 0 | 19.23 | 19.35 | 19.13 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.21 | 19.20 | 19.20 | | |
| 3 | 64QAM | 8 | 7 | 19.22 | 19.26 | 19.18 | | |
| 3 | 64QAM | 15 | 0 | 19.27 | 19.20 | 19.19 | | |
| 3 | 256QAM | 1 | 0 | 17.22 | 17.35 | 17.21 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.23 | 17.35 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.09 | 17.26 | 17.18 | | |
| 3 | 256QAM | 8 | 0 | 17.10 | 17.21 | 17.24 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.21 | 17.28 | 17.21 | | |
| 3 | 256QAM | 8 | 7 | 17.18 | 17.22 | 17.13 | | |
| 3 | 256QAM | 15 | 0 | 17.49 | 17.65 | 17.52 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.24 | 22.35 | 22.22 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.17 | 22.20 | 22.19 | | |
| 1.4 | QPSK | 1 | 5 | 22.04 | 22.08 | 22.09 | | |
| 1.4 | QPSK | 3 | 0 | 22.14 | 22.29 | 22.12 | | |
| 1.4 | QPSK | 3 | 1 | 22.13 | 22.15 | 22.08 | | |
| 1.4 | QPSK | 3 | 3 | 22.00 | 22.00 | 22.04 | | |
| 1.4 | QPSK | 6 | 0 | 21.16 | 21.27 | 21.16 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.13 | 21.41 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.47 | 21.43 | 21.42 | | |
| 1.4 | 16QAM | 1 | 5 | 21.39 | 21.37 | 21.34 | | |
| 1.4 | 16QAM | 3 | 0 | 21.37 | 21.01 | 21.29 | | |
| 1.4 | 16QAM | 3 | 1 | 21.45 | 21.38 | 21.31 | | |
| 1.4 | 16QAM | 3 | 3 | 21.32 | 21.06 | 21.32 | | |
| 1.4 | 16QAM | 6 | 0 | 20.18 | 20.16 | 20.10 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.18 | 20.43 | 20.52 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.23 | 20.42 | | |
| 1.4 | 64QAM | 1 | 5 | 20.25 | 20.21 | 20.41 | | |
| 1.4 | 64QAM | 3 | 0 | 20.39 | 20.37 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.51 | 20.19 | 20.37 | | |
| 1.4 | 64QAM | 3 | 3 | 20.20 | 20.09 | 20.31 | | |
| 1.4 | 64QAM | 6 | 0 | 19.24 | 19.23 | 19.10 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.24 | 17.36 | 17.22 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.23 | 17.34 | 17.28 | | |
| 1.4 | 256QAM | 1 | 5 | 17.07 | 17.20 | 17.10 | | |
| 1.4 | 256QAM | 3 | 0 | 17.19 | 17.29 | 17.16 | | |
| 1.4 | 256QAM | 3 | 1 | 17.24 | 17.27 | 17.22 | | |
| 1.4 | 256QAM | 3 | 3 | 17.20 | 17.25 | 17.18 | | |
| 1.4 | 256QAM | 6 | 0 | 17.56 | 17.70 | 17.59 | 19 | 5 |

## Band 7_Ant 1

| 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 | 22.54 | 22.54 | 22.50 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.46 | 22.55 | 22.49 | | |
| 20 | QPSK | 1 | 99 | 22.52 | 22.52 | 22.41 | | |
| 20 | QPSK | 50 | 0 | 21.93 | 22.05 | 21.78 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.87 | 21.85 | 21.59 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.82 | 21.75 | | |
| 20 | QPSK | 100 | 0 | 21.98 | 22.02 | 21.77 | | |
| 20 | 16QAM | 1 | 0 | 22.36 | 22.18 | 22.13 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.26 | 22.33 | 22.16 | | |
| 20 | 16QAM | 1 | 99 | 22.25 | 22.40 | 22.07 | | |
| 20 | 16QAM | 50 | 0 | 21.07 | 21.09 | 20.93 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 21.09 | 21.11 | 20.85 | | |
| 20 | 16QAM | 50 | 50 | 21.16 | 21.09 | 20.96 | | |
| 20 | 16QAM | 100 | 0 | 21.23 | 21.09 | 20.96 | | |
| 20 | 64QAM | 1 | 0 | 21.26 | 20.97 | 20.83 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.09 | 21.18 | 21.03 | | |
| 20 | 64QAM | 1 | 99 | 21.35 | 21.16 | 21.08 | | |
| 20 | 64QAM | 50 | 0 | 20.10 | 20.06 | 19.91 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 20.20 | 20.17 | 20.06 | | |
| 20 | 64QAM | 50 | 50 | 20.10 | 20.08 | 19.90 | | |
| 20 | 64QAM | 100 | 0 | 20.17 | 20.04 | 19.96 | | |
| 20 | 256QAM | 1 | 0 | 17.93 | 17.76 | 17.72 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.92 | 17.87 | 17.89 | | |
| 20 | 256QAM | 1 | 99 | 17.85 | 17.93 | 17.96 | | |
| 20 | 256QAM | 50 | 0 | 17.71 | 17.70 | 17.68 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.83 | 17.79 | 17.65 | | |
| 20 | 256QAM | 50 | 50 | 17.77 | 17.65 | 17.68 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.77 | 17.79 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 22.49 | 22.50 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.42 | 22.51 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.51 | 22.47 | 22.42 | | |
| 15 | QPSK | 36 | 0 | 21.72 | 21.91 | 21.72 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.74 | 21.83 | 21.57 | | |
| 15 | QPSK | 36 | 39 | 21.77 | 21.84 | 21.64 | | |
| 15 | QPSK | 75 | 0 | 21.88 | 21.94 | 21.79 | | |
| 15 | 16QAM | 1 | 0 | 22.32 | 22.18 | 21.98 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.31 | 22.31 | 22.12 | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.30 | 22.07 | | |
| 15 | 16QAM | 36 | 0 | 21.01 | 21.01 | 20.85 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 21.11 | 21.10 | 20.81 | | |
| 15 | 16QAM | 36 | 39 | 21.01 | 21.05 | 20.88 | | |
| 15 | 16QAM | 75 | 0 | 21.14 | 21.00 | 20.84 | | |
| 15 | 64QAM | 1 | 0 | 21.10 | 20.88 | 20.76 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.07 | 21.15 | 20.99 | | |
| 15 | 64QAM | 1 | 74 | 21.32 | 21.09 | 20.92 | | |
| 15 | 64QAM | 36 | 0 | 20.07 | 20.03 | 19.86 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.05 | 20.04 | 19.90 | | |
| 15 | 64QAM | 36 | 39 | 20.02 | 20.03 | 19.87 | | |
| 15 | 64QAM | 75 | 0 | 20.14 | 19.98 | 19.78 | | |
| 15 | 256QAM | 1 | 0 | 17.88 | 17.73 | 17.69 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.82 | 17.78 | | |
| 15 | 256QAM | 1 | 74 | 17.80 | 17.86 | 17.86 | | |
| 15 | 256QAM | 36 | 0 | 17.68 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.76 | 17.74 | 17.74 | | |
| 15 | 256QAM | 36 | 39 | 17.81 | 17.67 | 17.76 | | |
| 15 | 256QAM | 75 | 0 | 17.72 | 17.60 | 17.68 | | |
| Channel | | | | 20850 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 22.51 | 22.50 | 22.40 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.48 | 22.43 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.43 | 22.37 | | |
| 10 | QPSK | 25 | 0 | 21.81 | 21.91 | 21.63 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.76 | 21.88 | 21.57 | | |
| 10 | QPSK | 25 | 25 | 21.81 | 21.86 | 21.63 | | |
| 10 | QPSK | 50 | 0 | 21.85 | 21.90 | 21.81 | | |
| 10 | 16QAM | 1 | 0 | 22.25 | 22.19 | 21.96 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.20 | 22.22 | 22.12 | | |
| 10 | 16QAM | 1 | 49 | 22.21 | 22.27 | 22.05 | | |
| 10 | 16QAM | 25 | 0 | 21.04 | 21.01 | 20.85 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 21.03 | 21.08 | 20.81 | | |
| 10 | 16QAM | 25 | 25 | 21.04 | 21.10 | 20.81 | | |
| 10 | 16QAM | 50 | 0 | 21.08 | 20.98 | 20.88 | | |
| 10 | 64QAM | 1 | 0 | 21.15 | 20.90 | 20.69 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.07 | 21.13 | 20.89 | | |
| 10 | 64QAM | 1 | 49 | 21.23 | 21.01 | 20.99 | | |
| 10 | 64QAM | 25 | 0 | 20.07 | 20.08 | 19.90 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.11 | 20.05 | 19.87 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.09 | 19.90 | | |
| 10 | 64QAM | 50 | 0 | 20.16 | 19.95 | 19.81 | | |
| 10 | 256QAM | 1 | 0 | 17.85 | 17.65 | 17.74 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.77 | 17.80 | | |
| 10 | 256QAM | 1 | 49 | 17.79 | 17.84 | 17.86 | | |
| 10 | 256QAM | 25 | 0 | 17.67 | 17.58 | 17.50 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.76 | 17.68 | 17.79 | | |
| 10 | 256QAM | 25 | 25 | 17.80 | 17.64 | 17.81 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.63 | 17.68 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 22.56 | 22.59 | 22.37 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.46 | 22.51 | 22.37 | | |
| 5 | QPSK | 1 | 24 | 22.46 | 22.44 | 22.39 | | |
| 5 | QPSK | 12 | 0 | 21.76 | 21.96 | 21.63 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.82 | 21.84 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.80 | 21.77 | 21.69 | | |
| 5 | QPSK | 25 | 0 | 21.88 | 21.96 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.28 | 22.16 | 21.99 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.22 | 22.28 | 22.08 | | |
| 5 | 16QAM | 1 | 24 | 22.23 | 22.34 | 22.04 | | |
| 5 | 16QAM | 12 | 0 | 20.98 | 20.99 | 20.84 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 21.08 | 21.03 | 20.85 | | |
| 5 | 16QAM | 12 | 13 | 21.00 | 21.02 | 20.90 | | |
| 5 | 16QAM | 25 | 0 | 21.10 | 20.97 | 20.85 | | |
| 5 | 64QAM | 1 | 0 | 21.17 | 20.94 | 20.68 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.10 | 21.15 | 20.98 | | |
| 5 | 64QAM | 1 | 24 | 21.32 | 21.09 | 20.91 | | |
| 5 | 64QAM | 12 | 0 | 20.15 | 20.04 | 19.89 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 20.08 | 20.13 | 19.89 | | |
| 5 | 64QAM | 12 | 13 | 20.10 | 20.09 | 19.93 | | |
| 5 | 64QAM | 25 | 0 | 20.16 | 19.97 | 19.80 | | |
| 5 | 256QAM | 1 | 0 | 17.88 | 17.72 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.92 | 17.84 | 17.85 | | |
| 5 | 256QAM | 1 | 24 | 17.81 | 17.78 | 17.92 | | |
| 5 | 256QAM | 12 | 0 | 17.68 | 17.58 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.76 | 17.74 | 17.79 | | |
| 5 | 256QAM | 12 | 13 | 17.71 | 17.63 | 17.78 | | |
| 5 | 256QAM | 25 | 0 | 17.79 | 17.61 | 17.71 | | |

## Band 12_Ant 0

| 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 | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.53 | 22.55 | 22.51 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.41 | 22.52 | 22.46 | | |
| 10 | QPSK | 1 | 49 | 22.48 | 22.43 | 22.21 | | |
| 10 | QPSK | 25 | 0 | 21.54 | 21.64 | 21.34 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.53 | 21.55 | 21.43 | | |
| 10 | QPSK | 25 | 25 | 21.51 | 21.44 | 21.51 | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.54 | 21.51 | | |
| 10 | 16QAM | 1 | 0 | 21.72 | 21.89 | 21.86 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.62 | 21.69 | 21.80 | | |
| 10 | 16QAM | 1 | 49 | 21.90 | 21.75 | 21.85 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.56 | 20.51 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.62 | 20.55 | 20.53 | | |
| 10 | 16QAM | 25 |

## Band 13_Ant 0

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.46 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.19 | | | |
| 10 | QPSK | 25 | 0 | | 21.62 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.65 | | | |
| 10 | QPSK | 25 | 25 | | 21.47 | | | |
| 10 | QPSK | 50 | 0 | | 21.54 | | | |
| 10 | 16QAM | 1 | 0 | | 21.78 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.70 | | | |
| 10 | 16QAM | 1 | 49 | | 21.99 | | | |
| 10 | 16QAM | 25 | 0 | | 20.57 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.55 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.65 | | | |
| 10 | 64QAM | 1 | 0 | | 20.65 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.32 | | | |
| 10 | 64QAM | 1 | 49 | | 20.58 | | | |
| 10 | 64QAM | 25 | 0 | | 19.62 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.63 | | | |
| 10 | 64QAM | 25 | 25 | | 19.53 | | | |
| 10 | 64QAM | 50 | 0 | | 19.61 | | | |
| 10 | 256QAM | 1 | 0 | | 17.65 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.66 | | | |
| 10 | 256QAM | 1 | 49 | | 17.64 | | | |
| 10 | 256QAM | 25 | 0 | | 17.69 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.58 | | | |
| 10 | 256QAM | 25 | 25 | | 17.61 | | | |
| 10 | 256QAM | 50 | 0 | | 17.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.39 | 22.42 | 22.35 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.43 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.07 | 22.09 | 22.26 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.67 | 21.40 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.44 | 21.51 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.37 | 21.39 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.34 | 21.47 | 21.27 | | |
| 5 | 16QAM | 1 | 0 | 21.53 | 21.70 | 21.73 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.75 | 21.62 | 21.69 | | |
| 5 | 16QAM | 1 | 24 | 21.73 | 21.99 | 21.83 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.49 | 20.26 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.59 | 20.40 | | |
| 5 | 16QAM | 12 | 13 | 20.47 | 20.37 | 20.36 | | |
| 5 | 16QAM | 25 | 0 | 20.40 | 20.57 | 20.30 | | |
| 5 | 64QAM | 1 | 0 | 20.75 | 20.67 | 20.67 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.50 | 20.23 | 20.47 | | |
| 5 | 64QAM | 1 | 24 | 20.39 | 20.55 | 20.40 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.57 | 19.49 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.65 | 19.49 | | |
| 5 | 64QAM | 12 | 13 | 19.44 | 19.44 | 19.31 | | |
| 5 | 64QAM | 25 | 0 | 19.43 | 19.59 | 19.44 | | |
| 5 | 256QAM | 1 | 0 | 17.69 | 17.69 | 17.40 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.42 | 17.69 | 17.53 | | |
| 5 | 256QAM | 1 | 24 | 17.56 | 17.69 | 17.52 | | |
| 5 | 256QAM | 12 | 0 | 17.33 | 17.61 | 17.50 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.69 | 17.63 | 17.59 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.56 | 17.44 | | |
| 5 | 256QAM | 25 | 0 | 17.56 | 17.64 | 17.65 | | |

## Band 13_Ant 4

| 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 | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.45 | | 24 | 0 |
| 10 | QPSK | 1 | 25 | | 22.46 | | | |
| 10 | QPSK | 1 | 49 | | 22.22 | | | |
| 10 | QPSK | 25 | 0 | | 21.45 | | 23 | 1 |
| 10 | QPSK | 25 | 12 | | 21.34 | | | |
| 10 | QPSK | 25 | 25 | | 21.43 | | | |
| 10 | QPSK | 50 | 0 | | 21.36 | | | |
| 10 | 16QAM | 1 | 0 | | 21.54 | | 23 | 1 |
| 10 | 16QAM | 1 | 25 | | 21.51 | | | |
| 10 | 16QAM | 1 | 49 | | 21.58 | | | |
| 10 | 16QAM | 25 | 0 | | 20.45 | | 22 | 2 |
| 10 | 16QAM | 25 | 12 | | 20.41 | | | |
| 10 | 16QAM | 25 | 25 | | 20.46 | | | |
| 10 | 16QAM | 50 | 0 | | 20.46 | | | |
| 10 | 64QAM | 1 | 0 | | 20.75 | | 22 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.76 | | | |
| 10 | 64QAM | 1 | 49 | | 20.75 | | | |
| 10 | 64QAM | 25 | 0 | | 19.45 | | 21 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.55 | | | |
| 10 | 64QAM | 25 | 25 | | 19.44 | | | |
| 10 | 64QAM | 50 | 0 | | 19.43 | | | |
| 10 | 256QAM | 1 | 0 | | 17.48 | | 19 | 5 |
| 10 | 256QAM | 1 | 25 | | 17.51 | | | |
| 10 | 256QAM | 1 | 49 | | 17.51 | | | |
| 10 | 256QAM | 25 | 0 | | 17.49 | | 19 | 5 |
| 10 | 256QAM | 25 | 12 | | 17.55 | | | |
| 10 | 256QAM | 25 | 25 | | 17.49 | | | |
| 10 | 256QAM | 50 | 0 | | 17.60 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.38 | 22.43 | 22.31 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.31 | 22.41 | 22.30 | | |
| 5 | QPSK | 1 | 24 | 22.13 | 22.14 | 22.27 | | |
| 5 | QPSK | 12 | 0 | 21.31 | 21.46 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.36 | 21.28 | 21.38 | | |
| 5 | QPSK | 12 | 13 | 21.28 | 21.40 | 21.33 | | |
| 5 | QPSK | 25 | 0 | 21.24 | 21.35 | 21.24 | | |
| 5 | 16QAM | 1 | 0 | 21.61 | 21.47 | 21.84 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.67 | 21.48 | 21.71 | | |
| 5 | 16QAM | 1 | 24 | 21.74 | 21.49 | 21.85 | | |
| 5 | 16QAM | 12 | 0 | 20.42 | 20.50 | 20.23 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.38 | 20.39 | 20.48 | | |
| 5 | 16QAM | 12 | 13 | 20.45 | 20.41 | 20.30 | | |
| 5 | 16QAM | 25 | 0 | 20.51 | 20.46 | 20.44 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.73 | 20.76 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.42 | 20.69 | 20.40 | | |
| 5 | 64QAM | 1 | 24 | 20.47 | 20.77 | 20.34 | | |
| 5 | 64QAM | 12 | 0 | 19.56 | 19.35 | 19.48 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.57 | 19.51 | | |
| 5 | 64QAM | 12 | 13 | 19.42 | 19.44 | 19.30 | | |
| 5 | 64QAM | 25 | 0 | 19.48 | 19.45 | 19.45 | | |
| 5 | 256QAM | 1 | 0 | 17.60 | 17.46 | 17.31 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.34 | 17.48 | 17.52 | | |
| 5 | 256QAM | 1 | 24 | 17.57 | 17.54 | 17.41 | | |
| 5 | 256QAM | 12 | 0 | 17.39 | 17.48 | 17.62 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.73 | 17.57 | 17.55 | | |
| 5 | 256QAM | 12 | 13 | 17.26 | 17.46 | 17.42 | | |
| 5 | 256QAM | 25 | 0 | 17.61 | 17.60 | 17.67 | | |

## Band 17_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.54 | 22.52 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.21 | 22.41 | 22.38 | | |
| 10 | QPSK | 1 | 49 | 22.27 | 22.19 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 21.43 | 21.51 | 21.40 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.37 | 21.44 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.40 | 21.34 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.34 | 21.40 | 21.27 | | |
| 10 | 16QAM | 1 | 0 | 21.77 | 21.42 | 21.39 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.72 | 21.64 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.79 | 21.55 | 21.60 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.41 | 20.52 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.47 | 20.48 | 20.37 | | |
| 10 | 16QAM | 25 | 25 | 20.47 | 20.45 | 20.19 | | |
| 10 | 16QAM | 50 | 0 | 20.36 | 20.31 | 20.48 | | |
| 10 | 64QAM | 1 | 0 | 20.29 | 20.60 | 20.57 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.32 | 20.65 | 20.70 | | |
| 10 | 64QAM | 1 | 49 | 20.76 | 20.71 | 20.74 | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.45 | 19.39 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.43 | 19.49 | 19.44 | | |
| 10 | 64QAM | 25 | 25 | 19.55 | 19.40 | 19.37 | | |
| 10 | 64QAM | 50 | 0 | 19.43 | 19.28 | 19.45 | | |
| 10 | 256QAM | 1 | 0 | 17.50 | 17.51 | 17.58 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.52 | 17.53 | 17.49 | | |
| 10 | 256QAM | 1 | 49 | 17.41 | 17.49 | 17.39 | | |
| 10 | 256QAM | 25 | 0 | 17.65 | 17.51 | 17.64 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.56 | 17.52 | 17.50 | | |
| 10 | 256QAM | 25 | 25 | 17.49 | 17.45 | 17.46 | | |
| 10 | 256QAM | 50 | 0 | 17.44 | 17.50 | 17.60 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 708.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.33 | 22.47 | 22.50 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.21 | 22.33 | 22.29 | | |
| 5 | QPSK | 1 | 24 | 22.18 | 22.16 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.42 | 21.42 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.28 | 21.35 | 21.34 | | |
| 5 | QPSK | 12 | 13 | 21.40 | 21.26 | 21.43 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.45 | 21.22 | | |
| 5 | 16QAM | 1 | 0 | 21.70 | 21.44 | 21.43 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.69 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.83 | 21.60 | 21.53 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.43 | 20.47 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.46 | 20.40 | 20.42 | | |
| 5 | 16QAM | 12 | 13 | 20.40 | 20.50 | 20.14 | | |
| 5 | 16QAM | 25 | 0 | 20.36 | 20.29 | 20.38 | | |
| 5 | 64QAM | 1 | 0 | 20.25 | 20.53 | 20.55 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.27 | 20.67 | 20.71 | | |
| 5 | 64QAM | 1 | 24 | 20.78 | 20.68 | 20.75 | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.45 | 19.38 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.47 | 19.43 | 19.37 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.42 | 19.38 | | |
| 5 | 64QAM | 25 | 0 | 19.44 | 19.19 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.45 | 17.46 | 17.56 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.43 | 17.51 | 17.45 | | |
| 5 | 256QAM | 1 | 24 | 17.46 | 17.44 | 17.33 | | |
| 5 | 256QAM | 12 | 0 | 17.63 | 17.48 | 17.58 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.50 | 17.56 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.41 | 17.45 | 17.47 | | |
| 5 | 256QAM | 25 | 0 | 17.42 | 17.55 | 17.58 | | |

## Band 17_Ant 4

| 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 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 22.42 | 22.53 | 22.45 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.37 | 22.28 | 22.33 | | |
| 10 | QPSK | 1 | 49 | 22.34 | 22.29 | 22.19 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.39 | 21.38 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.48 | 21.47 | 21.45 | | |
| 10 | QPSK | 25 | 25 | 21.45 | 21.41 | 21.48 | | |
| 10 | QPSK | 50 | 0 | 21.40 | 21.49 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.79 | 21.64 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.69 | 21.90 | 21.63 | | |
| 10 | 16QAM | 1 | 49 | 21.56 | 21.55 | 21.65 | | |
| 10 | 16QAM | 25 | 0 | 20.47 | 20.48 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.56 | 20.44 | 20.49 | | |
| 10 | 16QAM | 25 | 25 | 20.54 | 20.39 | 20.56 | | |
| 10 | 16QAM | 50 | 0 | 20.55 | 20.46 | 20.49 | | |
| 10 | 64QAM | 1 | 0 | 20.58 | 20.44 | 20.47 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.52 | 20.48 | 20.28 | | |
| 10 | 64QAM | 1 | 49 | 20.49 | 20.38 | 20.21 | | |
| 10 | 64QAM | 25 | 0 | 19.54 | 19.54 | 19.54 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.67 | 19.49 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.58 | 19.46 | 19.50 | | |
| 10 | 64QAM | 50 | 0 | 19.56 | 19.47 | 19.52 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.50 | 17.65 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.44 | 17.48 | 17.54 | | |
| 10 | 256QAM | 1 | 49 | 17.53 | 17.61 | 17.65 | | |
| 10 | 256QAM | 25 | 0 | 17.62 | 17.58 | 17.63 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.47 | 17.54 | 17.55 | | |
| 10 | 256QAM | 25 | 25 | 17.55 | 17.49 | 17.54 | | |
| 10 | 256QAM | 50 | 0 | 17.51 | 17.52 | 17.65 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 708.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 22.32 | 22.47 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.29 | 22.26 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.36 | 22.31 | 22.05 | | |
| 5 | QPSK | 12 | 0 | 21.42 | 21.58 | 21.48 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.46 | 21.52 | 21.37 | | |
| 5 | QPSK | 12 | 13 | 21.39 | 21.45 | 21.42 | | |
| 5 | QPSK | 25 | 0 | 21.33 | 21.44 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.69 | 21.58 | 21.65 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.70 | 21.94 | 21.62 | | |
| 5 | 16QAM | 1 | 24 | 21.56 | 21.59 | 21.63 | | |
| 5 | 16QAM | 12 | 0 | 20.38 | 20.43 | 20.53 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.54 | 20.49 | 20.39 | | |
| 5 | 16QAM | 12 | 13 | 20.54 | 20.37 | 20.51 | | |
| 5 | 16QAM | 25 | 0 | 20.53 | 20.37 | 20.47 | | |
| 5 | 64QAM | 1 | 0 | 20.62 | 20.35 | 20.45 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.45 | 20.47 | 20.39 | | |
| 5 | 64QAM | 1 | 24 | 20.42 | 20.35 | 20.23 | | |
| 5 | 64QAM | 12 | 0 | 19.48 | 19.53 | 19.59 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.68 | 19.48 | 19.54 | | |
| 5 | 64QAM | 12 | 13 | 19.62 | 19.44 | 19.43 | | |
| 5 | 64QAM | 25 | 0 | 19.52 | 19.50 | 19.52 | | |
| 5 | 256QAM | 1 | 0 | 17.36 | 17.42 | 17.66 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.44 | 17.49 | 17.44 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.57 | 17.59 | | |
| 5 | 256QAM | 12 | 0 | 17.67 | 17.48 | 17.56 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.57 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.57 | 17.45 | 17.46 | | |
| 5 | 256QAM | 25 | 0 | 17.46 | 17.56 | 17.63 | | |

## Band 25_Ant 0

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.43 | 22.55 | 22.53 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.39 | 22.43 | 22.41 | | |
| 20 | QPSK | 1 | 99 | 22.26 | 22.38 | 22.48 | | |
| 20 | QPSK | 50 | 0 | 21.68 | 21.82 | 21.65 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.63 | 21.76 | 21.55 | | |
| 20 | QPSK | 50 | 50 | 21.55 | 21.67 | 21.59 | | |
| 20 | QPSK | 100 | 0 | 21.56 | 21.75 | 21.62 | | |
| 20 | 16QAM | 1 | 0 | 21.76 | 21.79 | 21.91 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.77 | 21.81 | 21.87 | | |
| 20 | 16QAM | 1 | 99 | 21.70 | 21.73 | 21.90 | | |
| 20 | 16QAM | 50 | 0 | 20.62 | 20.55 | 20.68 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.64 | 20.66 | 20.78 | | |
| 20 | 16QAM | 50 | 50 | 20.58 | 20.62 | 20.76 | | |
| 20 | 16QAM | 100 | 0 | 20.60 | 20.62 | 20.77 | | |
| 20 | 64QAM | 1 | 0 | 20.71 | 20.53 | 20.67 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.59 | 20.53 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.51 | 20.68 | 20.79 | | |
| 20 | 64QAM | 50 | 0 | 19.64 | 19.62 | 19.70 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.64 | 19.68 | 19.79 | | |
| 20 | 64QAM | 50 | 50 | 19.60 | 19.61 | 19.75 | | |
| 20 | 64QAM | 100 | 0 | 19.60 | 19.65 | 19.76 | | |
| 20 | 256QAM | 1 | 0 | 17.71 | 17.65 | 17.76 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.52 | 17.52 | 17.64 | | |
| 20 | 256QAM | 1 | 99 | 17.52 | 17.57 | 17.51 | | |
| 20 | 256QAM | 50 | 0 | 17.70 | 17.68 | 17.70 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.52 | 17.59 | 17.63 | | |
| 20 | 256QAM | 50 | 50 | 17.74 | 17.62 | 17.52 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.61 | 17.73 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.48 | 22.54 | 22.53 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.43 | 22.41 | 22.44 | | |
| 15 | QPSK | 1 | 74 | 22.19 | 22.43 | 22.49 | | |
| 15 | QPSK | 36 | 0 | 21.62 | 21.85 | 21.67 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.62 | 21.71 | 21.56 | | |
| 15 | QPSK | 36 | 39 | 21.53 | 21.57 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 21.50 | 21.70 | 21.60 | | |
| 15 | 16QAM | 1 | 0 | 21.80 | 21.71 | 21.87 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.72 | 21.64 | | |
| 15 | 16QAM | 1 | 74 | 21.67 | 21.65 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.64 | 20.58 | 20.61 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.63 | 20.60 | 20.79 | | |
| 15 | 16QAM | 36 | 39 | 20.61 | 20.62 | 20.80 | | |
| 15 | 16QAM | 75 | 0 | 20.64 | 20.53 | 20.78 | | |
| 15 | 64QAM | 1 | 0 | 20.62 | 20.51 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.63 | 20.75 | | |
| 15 | 64QAM | 1 | 74 | 20.42 | 20.60 | 20.78 | | |
| 15 | 64QAM | 36 | 0 | 19.65 | 19.67 | 19.74 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.67 | 19.59 | 19.74 | | |
| 15 | 64QAM | 36 | 39 | 19.65 | 19.61 | 19.75 | | |
| 15 | 64QAM | 75 | 0 | 19.52 | 19.66 | 19.75 | | |
| 15 | 256QAM | 1 | 0 | 17.73 | 17.55 | 17.77 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.54 | 17.59 | 17.57 | | |
| 15 | 256QAM | 1 | 74 | 17.48 | 17.56 | 17.45 | | |
| 15 | 256QAM | 36 | 0 | 17.75 | 17.60 | 17.67 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.46 | 17.56 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.64 | 17.58 | 17.57 | | |
| 15 | 256QAM | 75 | 0 | 17.62 | 17.56 | 17.77 | | |
| Channel | | | | 26590 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.48 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.44 | 22.35 | 22.37 | | |
| 10 | QPSK | 1 | 49 | 22.28 | 22.34 | 22.49 | | |
| 10 | QPSK | 25 | 0 | 21.73 | 21.87 | 21.69 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.54 | 21.80 | 21.54 | | |
| 10 | QPSK | 25 | 25 | 21.56 | 21.60 | 21.59 | | |
| 10 | QPSK | 50 | 0 | 21.53 | 21.72 | 21.53 | | |
| 10 | 16QAM | 1 | 0 | 21.67 | 21.75 | 21.93 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.79 | 21.75 | 21.77 | | |
| 10 | 16QAM | 1 | 49 | 21.72 | 21.70 | 21.93 | | |
| 10 | 16QAM | 25 | 0 | 20.61 | 20.49 | 20.66 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.54 | 20.56 | 20.82 | | |
| 10 | 16QAM | 25 | 25 | 20.55 | 20.58 | 20.75 | | |
| 10 | 16QAM | 50 | 0 | 20.62 | 20.62 | 20.75 | | |
| 10 | 64QAM | 1 | 0 | 20.66 | 20.50 | 20.71 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.50 | 20.64 | 20.74 | | |
| 10 | 64QAM | 1 | 49 | 20.45 | 20.60 | 20.83 | | |
| 10 | 64QAM | 25 | 0 | 19.66 | 19.64 | 19.70 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.65 | 19.62 | 19.77 | | |
| 10 | 64QAM | 25 | 25 | 19.65 | 19.59 | 19.78 | | |
| 10 | 64QAM | 50 | 0 | 19.57 | 19.55 | 19.78 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.64 | 17.76 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.49 | 17.57 | 17.67 | | |
| 10 | 256QAM | 1 | 49 | 17.42 | 17.49 | 17.45 | | |
| 10 | 256QAM | 25 | 0 | 17.63 | 17.60 | 17.64 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.46 | 17.55 | 17.56 | | |
| 10 | 256QAM | 25 | 25 | 17.77 | 17.67 | 17.56 | | |
| 10 | 256QAM | 50 | 0 | 17.55 | 17.56 | 17.69 | | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.37 | 22.53 | 22.48 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.42 | 22.48 | 22.31 | | |
| 5 | QPSK | 1 | 24 | 22.30 | 22.41 | 22.49 | | |
| 5 | QPSK | 12 | 0 | 21.68 | 21.80 | 21.69 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.56 | 21.71 | 21.56 | | |
| 5 | QPSK | 12 | 13 | 21.50 | 21.61 | 21.51 | | |
| 5 | QPSK | 25 | 0 | 21.60 | 21.80 | 21.52 | | |
| 5 | 16QAM | 1 | 0 | 21.77 | 21.82 | 21.95 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.71 | 21.73 | 21.83 | | |
| 5 | 16QAM | 1 | 24 | 21.64 | 21.72 | 21.90 | | |
| 5 | 16QAM | 12 | 0 | 20.52 | 20.59 | 20.62 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.55 | 20.67 | 20.73 | | |
| 5 | 16QAM | 12 | 13 | 20.60 | 20.64 | 20.72 | | |
| 5 | 16QAM | 25 | 0 | 20.50 | 20.62 | 20.81 | | |
| 5 | 64QAM | 1 | 0 | 20.74 | 20.45 | 20.59 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.55 | 20.60 | 20.77 | | |
| 5 | 64QAM | 1 | 24 | 20.49 | 20.72 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.67 | 19.66 | 19.67 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.64 | 19.70 | 19.69 | | |
| 5 | 64QAM | 12 | 13 | 19.51 | 19.65 | 19.80 | | |
| 5 | 64QAM | 25 | 0 | 19.56 | 19.66 | 19.78 | | |
| 5 | 256QAM | 1 | 0 | 17.72 | 17.64 | 17.68 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.52 | 17.58 | 17.57 | | |
| 5 | 256QAM | 1 | 24 | 17.43 | 17.56 | 17.46 | | |
| 5 | 256QAM | 12 | 0 | 17.60 | 17.65 | 17.74 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.45 | 17.61 | 17.54 | | |
| 5 | 256QAM | 12 | 13 | 17.69 | 17.61 | 17.52 | | |
| 5 | 256QAM | 25 | 0 | 17.57 | 17.54 | 17.69 | | |
| Channel | | | | 26025 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.47 | 22.48 | 22.45 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.35 | 22.34 | 22.44 | | |
| 3 | QPSK | 1 | 14 | 22.21 | 22.43 | 22.49 | | |
| 3 | QPSK | 8 | 0 | 21.69 | 21.78 | 21.58 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.59 | 21.81 | 21.52 | | |
| 3 | QPSK | 8 | 7 | 21.49 | 21.67 | 21.62 | | |
| 3 | QPSK | 15 | 0 | 21.61 | 21.75 | 21.52 | | |
| 3 | 16QAM | 1 | 0 | 21.78 | 21.70 | 21.88 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.74 | 21.72 | 21.87 | | |
| 3 | 16QAM | 1 | 14 | 21.75 | 21.66 | 21.90 | | |
| 3 | 16QAM | 8 | 0 | 20.64 | 20.49 | 20.67 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.63 | 20.62 | 20.83 | | |
| 3 | 16QAM | 8 | 7 | 20.51 | 20.60 | 20.67 | | |
| 3 | 16QAM | 15 | 0 | 20.54 | 20.66 | 20.68 | | |
| 3 | 64QAM | 1 | 0 | 20.42 | 20.55 | 20.59 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.54 | 20.54 | 20.65 | | |
| 3 | 64QAM | 1 | 14 | 20.43 | 20.73 | 20.78 | | |
| 3 | 64QAM | 8 | 0 | 19.61 | 19.53 | 19.65 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.65 | 19.64 | 19.83 | | |
| 3 | 64QAM | 8 | 7 | 19.51 | 19.51 | 19.77 | | |
| 3 | 64QAM | 15 | 0 | 19.60 | 19.59 | 19.76 | | |
| 3 | 256QAM | 1 | 0 | 17.70 | 17.58 | 17.68 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.45 | 17.57 | 17.61 | | |
| 3 | 256QAM | 1 | 14 | 17.53 | 17.57 | 17.43 | | |
| 3 | 256QAM | 8 | 0 | 17.71 | 17.61 | 17.63 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.64 | 17.67 | | |
| 3 | 256QAM | 8 | 7 | 17.75 | 17.65 | 17.47 | | |
| 3 | 256QAM | 15 | 0 | 17.60 | 17.62 | 17.77 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.36 | 22.47 | 22.44 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.31 | 22.47 | 22.42 | | |
| 1.4 | QPSK | 1 | 5 | 22.19 | 22.40 | 22.50 | | |
| 1.4 | QPSK | 3 | 0 | 22.28 | 22.44 | 22.39 | | |
| 1.4 | QPSK | 3 | 1 | 22.25 | 22.40 | 22.20 | | |
| 1.4 | QPSK | 3 | 3 | 22.29 | 22.30 | 22.26 | | |
| 1.4 | QPSK | 6 | 0 | 21.47 | 21.66 | 21.58 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.68 | 21.73 | 21.90 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.77 | 21.76 | 21.91 | | |
| 1.4 | 16QAM | 1 | 5 | 21.70 | 21.74 | 21.80 | | |
| 1.4 | 16QAM | 3 | 0 | 21.60 | 21.57 | 21.65 | | |
| 1.4 | 16QAM | 3 | 1 | 21.63 | 21.64 | 21.70 | | |
| 1.4 | 16QAM | 3 | 3 | 21.63 | 21.53 | 21.70 | | |
| 1.4 | 16QAM | 6 | 0 | 20.59 | 20.64 | 20.76 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.75 | 20.53 | 20.57 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.61 | 20.57 | 20.72 | | |
| 1.4 | 64QAM | 1 | 5 | 20.52 | 20.73 | 20.79 | | |
| 1.4 | 64QAM | 3 | 0 | 20.57 | 20.59 | 20.66 | | |
| 1.4 | 64QAM | 3 | 1 | 20.58 | 20.63 | 20.78 | | |
| 1.4 | 64QAM | 3 | 3 | 20.65 | 20.53 | 20.77 | | |
| 1.4 | 64QAM | 6 | 0 | 19.65 | 19.61 | 19.74 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.62 | 17.68 | 17.67 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.56 | 17.65 | 17.69 | | |
| 1.4 | 256QAM | 1 | 5 | 17.49 | 17.46 | 17.49 | | |
| 1.4 | 256QAM | 3 | 0 | 17.62 | 17.68 | 17.68 | | |
| 1.4 | 256QAM | 3 | 1 | 17.53 | 17.55 | 17.67 | | |
| 1.4 | 256QAM | 3 | 3 | 17.74 | 17.57 | 17.42 | | |
| 1.4 | 256QAM | 6 | 0 | 17.66 | 17.51 | 17.78 | 19 | 5 |

## Band 25_Ant 4

| 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 | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.75 | 23.04 | 22.74 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.62 | 22.64 | 22.63 | | |
| 20 | QPSK | 1 | 99 | 22.63 | 22.66 | 22.67 | | |
| 20 | QPSK | 50 | 0 | 21.94 | 22.03 | 21.90 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.89 | 21.96 | 21.91 | | |
| 20 | QPSK | 50 | 50 | 21.89 | 21.87 | 21.88 | | |
| 20 | QPSK | 100 | 0 | 21.84 | 21.97 | 21.96 | | |
| 20 | 16QAM | 1 | 0 | 22.20 | 22.11 | 22.14 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.15 | 22.08 | 22.18 | | |
| 20 | 16QAM | 1 | 99 | 21.93 | 22.14 | 22.22 | | |
| 20 | 16QAM | 50 | 0 | 21.06 | 20.77 | 20.85 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.93 | 20.91 | 20.95 | | |
| 20 | 16QAM | 50 | 50 | 21.04 | 20.86 | 20.75 | | |
| 20 | 16QAM | 100 | 0 | 21.00 | 20.90 | 20.95 | | |
| 20 | 64QAM | 1 | 0 | 21.01 | 20.93 | 20.75 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.83 | 21.04 | 20.85 | | |
| 20 | 64QAM | 1 | 99 | 21.00 | 21.07 | 20.96 | | |
| 20 | 64QAM | 50 | 0 | 19.96 | 19.83 | 19.81 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.99 | 19.88 | 19.81 | | |
| 20 | 64QAM | 50 | 50 | 19.83 | 19.78 | 19.92 | | |
| 20 | 64QAM | 100 | 0 | 19.98 | 19.93 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.76 | 17.72 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.70 | 17.59 | | |
| 20 | 256QAM | 1 | 99 | 17.97 | 17.88 | 17.73 | | |
| 20 | 256QAM | 50 | 0 | 17.75 | 17.72 | 17.54 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.71 | 17.65 | 17.69 | | |
| 20 | 256QAM | 50 | 50 | 17.79 | 17.69 | 17.71 | | |
| 20 | 256QAM | 100 | 0 | 17.69 | 17.62 | 17.69 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.75 | 22.95 | 22.69 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.54 | 22.66 | 22.57 | | |
| 15 | QPSK | 1 | 74 | 22.68 | 22.70 | 22.66 | | |
| 15 | QPSK | 36 | 0 | 21.98 | 21.94 | 21.93 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.94 | 21.91 | 21.93 | | |
| 15 | QPSK | 36 | 39 | 21.91 | 21.88 | 21.82 | | |
| 15 | QPSK | 75 | 0 | 21.80 | 22.02 | 21.95 | | |
| 15 | 16QAM | 1 | 0 | 22.16 | 22.09 | 22.07 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.06 | 21.97 | 22.09 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 22.09 | 22.20 | | |
| 15 | 16QAM | 36 | 0 | 21.10 | 20.78 | 20.86 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.97 | 20.85 | 20.91 | | |
| 15 | 16QAM | 36 | 39 | 20.96 | 20.77 | 20.74 | | |
| 15 | 16QAM | 75 | 0 | 20.92 | 20.85 | 20.85 | | |
| 15 | 64QAM | 1 | 0 | 20.95 | 20.98 | 20.89 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.99 | 20.98 | 20.76 | | |
| 15 | 64QAM | 1 | 74 | 20.94 | 21.09 | 21.01 | | |
| 15 | 64QAM | 36 | 0 | 19.87 | 19.74 | 19.76 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.00 | 19.91 | 19.79 | | |
| 15 | 64QAM | 36 | 39 | 19.83 | 19.72 | 19.93 | | |
| 15 | 64QAM | 75 | 0 | 20.03 | 19.81 | 19.85 | | |
| 15 | 256QAM | 1 | 0 | 17.90 | 17.81 | 17.62 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.79 | 17.61 | 17.57 | | |
| 15 | 256QAM | 1 | 74 | 17.81 | 17.78 | 17.69 | | |
| 15 | 256QAM | 36 | 0 | 17.65 | 17.68 | 17.44 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.70 | 17.55 | 17.61 | | |
| 15 | 256QAM | 36 | 39 | 17.76 | 17.60 | 17.65 | | |
| 15 | 256QAM | 75 | 0 | 17.62 | 17.65 | 17.65 | | |
| Channel | | | | 26590 | 26340 | 26940 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.79 | 23.00 | 22.82 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.63 | 22.55 | 22.56 | | |
| 10 | QPSK | 1 | 49 | 22.64 | 22.68 | 22.61 | | |
| 10 | QPSK | 25 | 0 | 21.97 | 22.05 | 21.97 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.94 | 21.88 | 21.84 | | |
| 10 | QPSK | 25 | 25 | 21.85 | 21.83 | 21.90 | | |
| 10 | QPSK | 50 | 0 | 21.80 | 21.87 | 21.94 | | |
| 10 | 16QAM | 1 | 0 | 22.12 | 22.16 | 22.19 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.05 | 21.99 | 22.13 | | |
| 10 | 16QAM | 1 | 49 | 21.93 | 22.14 | 22.18 | | |
| 10 | 16QAM | 25 | 0 | 20.64 | 20.77 | 20.84 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.85 | 20.83 | 20.99 | | |
| 10 | 16QAM | 25 | 25 | 21.03 | 20.80 | 20.70 | | |
| 10 | 16QAM | 50 | 0 | 21.03 | 20.87 | 20.85 | | |
| 10 | 64QAM | 1 | 0 | 20.97 | 20.86 | 20.71 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.89 | 20.98 | 20.80 | | |
| 10 | 64QAM | 1 | 49 | 21.03 | 21.02 | 20.98 | | |
| 10 | 64QAM | 25 | 0 | 19.87 | 19.76 | 19.71 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.01 | 19.84 | 19.81 | | |
| 10 | 64QAM | 25 | 25 | 19.78 | 19.71 | 19.94 | | |
| 10 | 64QAM | 50 | 0 | 19.98 | 19.85 | 19.85 | | |
| 10 | 256QAM | 1 | 0 | 17.92 | 17.75 | 17.74 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.78 | 17.66 | 17.56 | | |
| 10 | 256QAM | 1 | 49 | 17.87 | 17.91 | 17.64 | | |
| 10 | 256QAM | 25 | 0 | 17.77 | 17.63 | 17.48 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.68 | 17.70 | 17.59 | | |
| 10 | 256QAM | 25 | 25 | 17.84 | 17.74 | 17.73 | | |
| 10 | 256QAM | 50 | 0 | 17.74 | 17.59 | 17.65 | | |
| Channel | | | | 26025 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.79 | 22.97 | 22.70 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.58 | 22.68 | 22.61 | | |
| 5 | QPSK | 1 | 24 | 22.55 | 22.63 | 22.64 | | |
| 5 | QPSK | 12 | 0 | 21.89 | 21.98 | 21.87 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.94 | 21.88 | 21.93 | | |
| 5 | QPSK | 12 | 13 | 21.90 | 21.86 | 21.91 | | |
| 5 | QPSK | 25 | 0 | 21.86 | 21.93 | 21.94 | | |
| 5 | 16QAM | 1 | 0 | 22.12 | 22.15 | 22.12 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.07 | 21.93 | 22.16 | | |
| 5 | 16QAM | 1 | 24 | 21.94 | 21.96 | 22.22 | | |
| 5 | 16QAM | 12 | 0 | 21.04 | 20.70 | 20.81 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.87 | 20.96 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 21.02 | 20.82 | 20.68 | | |
| 5 | 16QAM | 25 | 0 | 20.98 | 20.82 | 20.91 | | |
| 5 | 64QAM | 1 | 0 | 21.00 | 20.97 | 20.80 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.94 | 21.07 | 20.75 | | |
| 5 | 64QAM | 1 | 24 | 21.05 | 21.06 | 20.95 | | |
| 5 | 64QAM | 12 | 0 | 19.86 | 19.85 | 19.72 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.91 | 19.88 | 19.72 | | |
| 5 | 64QAM | 12 | 13 | 19.77 | 19.72 | 19.84 | | |
| 5 | 64QAM | 25 | 0 | 19.86 | 19.80 | 19.81 | | |
| 5 | 256QAM | 1 | 0 | 17.83 | 17.71 | 17.84 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.69 | 17.60 | | |
| 5 | 256QAM | 1 | 24 | 17.76 | 17.90 | 17.77 | | |
| 5 | 256QAM | 12 | 0 | 17.78 | 17.69 | 17.48 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.75 | 17.62 | 17.67 | | |
| 5 | 256QAM | 12 | 13 | 17.80 | 17.71 | 17.63 | | |
| 5 | 256QAM | 25 | 0 | 17.60 | 17.54 | 17.63 | | |
| Channel | | | | 26025 | 26340 | 26655 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.79 | 22.98 | 22.70 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.53 | 22.65 | 22.56 | | |
| 3 | QPSK | 1 | 14 | 22.59 | 22.66 | 22.59 | | |
| 3 | QPSK | 8 | 0 | 21.94 | 22.04 | 21.91 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.89 | 21.96 | 21.93 | | |
| 3 | QPSK | 8 | 7 | 21.93 | 21.88 | 21.90 | | |
| 3 | QPSK | 15 | 0 | 21.77 | 21.94 | 21.94 | | |
| 3 | 16QAM | 1 | 0 | 22.14 | 22.02 | 22.15 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 22.19 | 21.94 | 22.09 | | |
| 3 | 16QAM | 1 | 14 | 21.96 | 22.19 | 22.16 | | |
| 3 | 16QAM | 8 | 0 | 21.04 | 20.75 | 20.81 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.84 | 20.86 | 20.89 | | |
| 3 | 16QAM | 8 | 7 | 21.05 | 20.91 | 20.75 | | |
| 3 | 16QAM | 15 | 0 | 21.03 | 20.80 | 21.00 | | |
| 3 | 64QAM | 1 | 0 | 21.05 | 20.97 | 20.76 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.95 | 21.02 | 20.84 | | |
| 3 | 64QAM | 1 | 14 | 20.96 | 21.02 | 20.99 | | |
| 3 | 64QAM | 8 | 0 | 19.96 | 19.76 | 19.81 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 20.04 | 19.81 | 19.73 | | |
| 3 | 64QAM | 8 | 7 | 19.74 | 19.77 | 19.97 | | |
| 3 | 64QAM | 15 | 0 | 19.96 | 19.79 | 19.89 | | |
| 3 | 256QAM | 1 | 0 | 17.91 | 17.75 | 17.82 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.85 | 17.72 | 17.62 | | |
| 3 | 256QAM | 1 | 14 | 17.77 | 17.79 | 17.79 | | |
| 3 | 256QAM | 8 | 0 | 17.67 | 17.64 | 17.47 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.85 | 17.57 | 17.70 | | |
| 3 | 256QAM | 8 | 7 | 17.76 | 17.72 | 17.74 | | |
| 3 | 256QAM | 15 | 0 | 17.65 | 17.60 | 17.62 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.71 | 23.03 | 22.69 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.61 | 22.63 | 22.63 | | |
| 1.4 | QPSK | 1 | 5 | 22.64 | 22.71 | 22.67 | | |
| 1.4 | QPSK | 3 | 0 | 22.62 | 22.65 | 22.68 | | |
| 1.4 | QPSK | 3 | 1 | 22.64 | 22.61 | 22.55 | | |
| 1.4 | QPSK | 3 | 3 | 22.54 | 22.50 | 22.63 | | |
| 1.4 | QPSK | 6 | 0 | 21.89 | 22.02 | 21.86 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.23 | 22.04 | 22.09 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.08 | 22.02 | 22.22 | | |
| 1.4 | 16QAM | 1 | 5 | 21.93 | 22.12 | 22.12 | | |
| 1.4 | 16QAM | 3 | 0 | 22.11 | 21.82 | 21.87 | | |
| 1.4 | 16QAM | 3 | 1 | 21.98 | 21.88 | 21.88 | | |
| 1.4 | 16QAM | 3 | 3 | 22.04 | 21.84 | 21.74 | | |
| 1.4 | 16QAM | 6 | 0 | 21.04 | 20.90 | 20.93 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.96 | 20.94 | 20.75 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.94 | 21.08 | 20.75 | | |
| 1.4 | 64QAM | 1 | 5 | 20.94 | 20.99 | 21.00 | | |
| 1.4 | 64QAM | 3 | 0 | 20.91 | 20.77 | 20.86 | | |
| 1.4 | 64QAM | 3 | 1 | 20.99 | 20.79 | 20.72 | | |
| 1.4 | 64QAM | 3 | 3 | 20.74 | 20.73 | 20.85 | | |
| 1.4 | 64QAM | 6 | 0 | 20.03 | 19.81 | 19.91 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.89 | 17.74 | 17.67 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.85 | 17.71 | 17.84 | | |
| 1.4 | 256QAM | 1 | 5 | 17.85 | 17.79 | 17.78 | | |
| 1.4 | 256QAM | 3 | 0 | 17.74 | 17.68 | 17.53 | | |
| 1.4 | 256QAM | 3 | 1 | 17.70 | 17.58 | 17.65 | | |
| 1.4 | 256QAM | 3 | 3 | 17.74 | 17.74 | 17.75 | | |
| 1.4 | 256QAM | 6 | 0 | 17.62 | 17.57 | 17.71 | 19 | 5 |

## Band 26_Ant 0

| 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 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 22.28 | 22.45 | 22.39 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.18 | 22.35 | 22.23 | | |
| 15 | QPSK | 1 | 74 | 22.18 | 22.24 | 22.18 | | |
| 15 | QPSK | 36 | 0 | 21.48 | 21.48 | 21.41 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.45 | 21.40 | 21.38 | | |
| 15 | QPSK | 36 | 39 | 21.38 | 21.31 | 21.32 | | |
| 15 | QPSK | 75 | 0 | 21.36 | 21.42 | 21.32 | | |
| 15 | 16QAM | 1 | 0 | 21.70 | 21.60 | 21.84 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.60 | 21.60 | 21.65 | | |
| 15 | 16QAM | 1 | 74 | 21.96 | 21.63 | 21.58 | | |
| 15 | 16QAM | 36 | 0 | 20.42 | 20.28 | 20.25 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.40 | 20.31 | 20.34 | | |
| 15 | 16QAM | 36 | 39 | 20.45 | 20.31 | 20.31 | | |
| 15 | 16QAM | 75 | 0 | 20.39 | 20.38 | 20.34 | | |
| 15 | 64QAM | 1 | 0 | 20.41 |

## Band 66_Ant 0

| 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 | 22.39 | 22.59 | 22.52 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.23 | 22.50 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.29 | 22.31 | 22.18 | | |
| 20 | QPSK | 50 | 0 | 21.40 | 21.58 | 21.52 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.28 | 21.42 | 21.48 | | |
| 20 | QPSK | 50 | 50 | 21.29 | 21.42 | 21.43 | | |
| 20 | QPSK | 100 | 0 | 21.38 | 21.46 | 21.42 | | |
| 20 | 16QAM | 1 | 0 | 21.42 | 21.52 | 21.60 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.48 | 21.38 | 21.58 | | |
| 20 | 16QAM | 1 | 99 | 21.46 | 21.42 | 21.85 | | |
| 20 | 16QAM | 50 | 0 | 20.34 | 20.47 | 20.38 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.33 | 20.41 | 20.48 | | |
| 20 | 16QAM | 50 | 50 | 20.35 | 20.53 | 20.40 | | |
| 20 | 16QAM | 100 | 0 | 20.26 | 20.44 | 20.45 | | |
| 20 | 64QAM | 1 | 0 | 20.41 | 20.72 | 20.88 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.61 | 20.66 | 20.91 | | |
| 20 | 64QAM | 1 | 99 | 20.61 | 20.68 | 20.68 | | |
| 20 | 64QAM | 50 | 0 | 19.26 | 19.49 | 19.51 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.50 | 19.44 | 19.54 | | |
| 20 | 64QAM | 50 | 50 | 19.29 | 19.49 | 19.45 | | |
| 20 | 64QAM | 100 | 0 | 19.29 | 19.44 | 19.43 | | |
| 20 | 256QAM | 1 | 0 | 17.38 | 17.29 | 17.35 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.25 | 17.33 | 17.45 | | |
| 20 | 256QAM | 1 | 99 | 17.20 | 17.28 | 17.28 | | |
| 20 | 256QAM | 50 | 0 | 17.32 | 17.32 | 17.44 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.48 | 17.34 | 17.48 | | |
| 20 | 256QAM | 50 | 50 | 17.37 | 17.29 | 17.37 | | |
| 20 | 256QAM | 100 | 0 | 17.14 | 17.24 | 17.24 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.31 | 22.53 | 22.42 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.17 | 22.42 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.29 | 22.28 | 22.10 | | |
| 15 | QPSK | 36 | 0 | 21.45 | 21.62 | 21.47 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.33 | 21.43 | 21.51 | | |
| 15 | QPSK | 36 | 39 | 21.27 | 21.36 | 21.40 | | |
| 15 | QPSK | 75 | 0 | 21.29 | 21.47 | 21.36 | | |
| 15 | 16QAM | 1 | 0 | 21.41 | 21.42 | 21.57 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.42 | 21.35 | 21.56 | | |
| 15 | 16QAM | 1 | 74 | 21.36 | 21.36 | 21.84 | | |
| 15 | 16QAM | 36 | 0 | 20.31 | 20.39 | 20.28 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.35 | 20.41 | 20.46 | | |
| 15 | 16QAM | 36 | 39 | 20.38 | 20.47 | 20.37 | | |
| 15 | 16QAM | 75 | 0 | 20.28 | 20.38 | 20.45 | | |
| 15 | 64QAM | 1 | 0 | 20.36 | 20.64 | 20.88 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.63 | 20.65 | 20.82 | | |
| 15 | 64QAM | 1 | 74 | 20.54 | 20.66 | 20.68 | | |
| 15 | 64QAM | 36 | 0 | 19.21 | 19.42 | 19.43 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.42 | 19.47 | 19.52 | | |
| 15 | 64QAM | 36 | 39 | 19.24 | 19.41 | 19.48 | | |
| 15 | 64QAM | 75 | 0 | 19.25 | 19.43 | 19.48 | | |
| 15 | 256QAM | 1 | 0 | 17.28 | 17.20 | 17.25 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.16 | 17.30 | 17.39 | | |
| 15 | 256QAM | 1 | 74 | 17.12 | 17.22 | 17.27 | | |
| 15 | 256QAM | 36 | 0 | 17.26 | 17.23 | 17.39 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.39 | 17.38 | 17.41 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.25 | 17.42 | | |
| 15 | 256QAM | 75 | 0 | 17.14 | 17.16 | 17.16 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.38 | 22.58 | 22.47 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.17 | 22.42 | 22.35 | | |
| 10 | QPSK | 1 | 49 | 22.25 | 22.31 | 22.08 | | |
| 10 | QPSK | 25 | 0 | 21.31 | 21.58 | 21.49 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.29 | 21.46 | 21.47 | | |
| 10 | QPSK | 25 | 25 | 21.26 | 21.39 | 21.47 | | |
| 10 | QPSK | 50 | 0 | 21.38 | 21.47 | 21.37 | | |
| 10 | 16QAM | 1 | 0 | 21.34 | 21.53 | 21.57 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.41 | 21.33 | 21.50 | | |
| 10 | 16QAM | 1 | 49 | 21.51 | 21.44 | 21.87 | | |
| 10 | 16QAM | 25 | 0 | 20.37 | 20.51 | 20.33 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.29 | 20.35 | 20.42 | | |
| 10 | 16QAM | 25 | 25 | 20.40 | 20.47 | 20.33 | | |
| 10 | 16QAM | 50 | 0 | 20.20 | 20.46 | 20.37 | | |
| 10 | 64QAM | 1 | 0 | 20.43 | 20.74 | 20.89 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.59 | 20.60 | 20.94 | | |
| 10 | 64QAM | 1 | 49 | 20.65 | 20.70 | 20.67 | | |
| 10 | 64QAM | 25 | 0 | 19.24 | 19.39 | 19.52 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.51 | 19.43 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.25 | 19.45 | 19.41 | | |
| 10 | 64QAM | 50 | 0 | 19.25 | 19.49 | 19.41 | | |
| 10 | 256QAM | 1 | 0 | 17.35 | 17.27 | 17.25 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.30 | 17.35 | 17.35 | | |
| 10 | 256QAM | 1 | 49 | 17.19 | 17.31 | 17.29 | | |
| 10 | 256QAM | 25 | 0 | 17.27 | 17.23 | 17.34 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.53 | 17.25 | 17.53 | | |
| 10 | 256QAM | 25 | 25 | 17.37 | 17.22 | 17.41 | | |
| 10 | 256QAM | 50 | 0 | 17.12 | 17.23 | 17.22 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.36 | 22.53 | 22.52 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.20 | 22.54 | 22.35 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.27 | 22.21 | | |
| 5 | QPSK | 12 | 0 | 21.30 | 21.51 | 21.53 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.30 | 21.39 | 21.53 | | |
| 5 | QPSK | 12 | 13 | 21.23 | 21.42 | 21.40 | | |
| 5 | QPSK | 25 | 0 | 21.41 | 21.36 | 21.44 | | |
| 5 | 16QAM | 1 | 0 | 21.40 | 21.57 | 21.56 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.42 | 21.39 | 21.49 | | |
| 5 | 16QAM | 1 | 24 | 21.41 | 21.44 | 21.87 | | |
| 5 | 16QAM | 12 | 0 | 20.30 | 20.47 | 20.40 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.29 | 20.46 | 20.43 | | |
| 5 | 16QAM | 12 | 13 | 20.31 | 20.52 | 20.44 | | |
| 5 | 16QAM | 25 | 0 | 20.29 | 20.41 | 20.42 | | |
| 5 | 64QAM | 1 | 0 | 20.36 | 20.75 | 20.93 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.60 | 20.82 | | |
| 5 | 64QAM | 1 | 24 | 20.65 | 20.60 | 20.59 | | |
| 5 | 64QAM | 12 | 0 | 19.24 | 19.44 | 19.47 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.52 | 19.44 | 19.57 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.51 | 19.48 | | |
| 5 | 64QAM | 25 | 0 | 19.22 | 19.49 | 19.35 | | |
| 5 | 256QAM | 1 | 0 | 17.39 | 17.26 | 17.32 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.24 | 17.34 | 17.48 | | |
| 5 | 256QAM | 1 | 24 | 17.14 | 17.20 | 17.23 | | |
| 5 | 256QAM | 12 | 0 | 17.30 | 17.36 | 17.41 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.52 | 17.25 | 17.41 | | |
| 5 | 256QAM | 12 | 13 | 17.34 | 17.33 | 17.37 | | |
| 5 | 256QAM | 25 | 0 | 17.14 | 17.14 | 17.22 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.29 | 22.49 | 22.52 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.21 | 22.51 | 22.37 | | |
| 3 | QPSK | 1 | 14 | 22.22 | 22.29 | 22.15 | | |
| 3 | QPSK | 8 | 0 | 21.30 | 21.50 | 21.50 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.29 | 21.39 | 21.39 | | |
| 3 | QPSK | 8 | 7 | 21.20 | 21.38 | 21.34 | | |
| 3 | QPSK | 15 | 0 | 21.30 | 21.43 | 21.33 | | |
| 3 | 16QAM | 1 | 0 | 21.40 | 21.48 | 21.57 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.42 | 21.36 | 21.57 | | |
| 3 | 16QAM | 1 | 14 | 21.49 | 21.33 | 21.83 | | |
| 3 | 16QAM | 8 | 0 | 20.28 | 20.43 | 20.29 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.24 | 20.42 | 20.38 | | |
| 3 | 16QAM | 8 | 7 | 20.32 | 20.52 | 20.42 | | |
| 3 | 16QAM | 15 | 0 | 20.30 | 20.39 | 20.36 | | |
| 3 | 64QAM | 1 | 0 | 20.34 | 20.71 | 20.85 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.60 | 20.60 | 20.96 | | |
| 3 | 64QAM | 1 | 14 | 20.66 | 20.62 | 20.70 | | |
| 3 | 64QAM | 8 | 0 | 19.28 | 19.52 | 19.50 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.42 | 19.45 | 19.52 | | |
| 3 | 64QAM | 8 | 7 | 19.34 | 19.49 | 19.41 | | |
| 3 | 64QAM | 15 | 0 | 19.30 | 19.40 | 19.42 | | |
| 3 | 256QAM | 1 | 0 | 17.28 | 17.34 | 17.27 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.27 | 17.31 | 17.38 | | |
| 3 | 256QAM | 1 | 14 | 17.22 | 17.20 | 17.31 | | |
| 3 | 256QAM | 8 | 0 | 17.25 | 17.35 | 17.43 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.43 | 17.37 | 17.46 | | |
| 3 | 256QAM | 8 | 7 | 17.36 | 17.34 | 17.42 | | |
| 3 | 256QAM | 15 | 0 | 17.05 | 17.17 | 17.21 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.38 | 22.54 | 22.56 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.24 | 22.50 | 22.38 | | |
| 1.4 | QPSK | 1 | 5 | 22.33 | 22.25 | 22.16 | | |
| 1.4 | QPSK | 3 | 0 | 22.15 | 22.35 | 22.23 | | |
| 1.4 | QPSK | 3 | 1 | 22.07 | 22.16 | 22.23 | | |
| 1.4 | QPSK | 3 | 3 | 22.14 | 22.12 | 22.18 | | |
| 1.4 | QPSK | 6 | 0 | 21.39 | 21.42 | 21.32 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.46 | 21.53 | 21.60 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.44 | 21.39 | 21.60 | | |
| 1.4 | 16QAM | 1 | 5 | 21.42 | 21.43 | 21.76 | | |
| 1.4 | 16QAM | 3 | 0 | 21.38 | 21.45 | 21.39 | | |
| 1.4 | 16QAM | 3 | 1 | 21.36 | 21.40 | 21.46 | | |
| 1.4 | 16QAM | 3 | 3 | 21.30 | 21.48 | 21.40 | | |
| 1.4 | 16QAM | 6 | 0 | 20.19 | 20.44 | 20.48 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.46 | 20.65 | 20.93 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.52 | 20.68 | 20.88 | | |
| 1.4 | 64QAM | 1 | 5 | 20.59 | 20.63 | 20.64 | | |
| 1.4 | 64QAM | 3 | 0 | 20.20 | 20.50 | 20.47 | | |
| 1.4 | 64QAM | 3 | 1 | 20.47 | 20.42 | 20.54 | | |
| 1.4 | 64QAM | 3 | 3 | 20.30 | 20.51 | 20.37 | | |
| 1.4 | 64QAM | 6 | 0 | 19.26 | 19.34 | 19.47 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.34 | 17.32 | 17.35 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.24 | 17.31 | 17.49 | | |
| 1.4 | 256QAM | 1 | 5 | 17.17 | 17.30 | 17.19 | | |
| 1.4 | 256QAM | 3 | 0 | 17.22 | 17.29 | 17.35 | | |
| 1.4 | 256QAM | 3 | 1 | 17.38 | 17.38 | 17.45 | | |
| 1.4 | 256QAM | 3 | 3 | 17.38 | 17.26 | 17.35 | | |
| 1.4 | 256QAM | 6 | 0 | 17.18 | 17.17 | 17.26 | 19 | 5 |

## Band 66_Ant 4

| 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 | 22.55 | 22.66 | 22.65 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.50 | 22.30 | 22.33 | | |
| 20 | QPSK | 1 | 99 | 22.24 | 22.36 | 22.20 | | |
| 20 | QPSK | 50 | 0 | 21.59 | 21.60 | 21.46 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.57 | 21.51 | 21.41 | | |
| 20 | QPSK | 50 | 50 | 21.54 | 21.47 | 21.42 | | |
| 20 | QPSK | 100 | 0 | 21.46 | 21.58 | 21.45 | | |
| 20 | 16QAM | 1 | 0 | 21.63 | 21.71 | 21.73 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.91 | 21.85 | 21.66 | | |
| 20 | 16QAM | 1 | 99 | 21.87 | 21.75 | 21.43 | | |
| 20 | 16QAM | 50 | 0 | 20.53 | 20.50 | 20.43 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.57 | 20.55 | 20.34 | | |
| 20 | 16QAM | 50 | 50 | 20.52 | 20.43 | 20.38 | | |
| 20 | 16QAM | 100 | 0 | 20.54 | 20.45 | 20.33 | | |
| 20 | 64QAM | 1 | 0 | 20.57 | 20.53 | 20.68 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.58 | 20.69 | 20.83 | | |
| 20 | 64QAM | 1 | 99 | 20.40 | 20.50 | 20.45 | | |
| 20 | 64QAM | 50 | 0 | 19.48 | 19.50 | 19.50 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.56 | 19.52 | 19.40 | | |
| 20 | 64QAM | 50 | 50 | 19.49 | 19.59 | 19.35 | | |
| 20 | 64QAM | 100 | 0 | 19.55 | 19.51 | 19.37 | | |
| 20 | 256QAM | 1 | 0 | 17.46 | 17.51 | 17.40 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.45 | 17.41 | 17.34 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.44 | 17.31 | | |
| 20 | 256QAM | 50 | 0 | 17.27 | 17.32 | 17.22 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.34 | 17.33 | 17.16 | | |
| 20 | 256QAM | 50 | 50 | 17.38 | 17.38 | 17.32 | | |
| 20 | 256QAM | 100 | 0 | 17.35 | 17.31 | 17.14 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.49 | 22.58 | 22.61 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.45 | 22.21 | 22.27 | | |
| 15 | QPSK | 1 | 74 | 22.17 | 22.36 | 22.22 | | |
| 15 | QPSK | 36 | 0 | 21.64 | 21.54 | 21.36 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.53 | 21.44 | 21.37 | | |
| 15 | QPSK | 36 | 39 | 21.49 | 21.45 | 21.42 | | |
| 15 | QPSK | 75 | 0 | 21.42 | 21.55 | 21.39 | | |
| 15 | 16QAM | 1 | 0 | 21.54 | 21.62 | 21.75 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.90 | 21.84 | 21.59 | | |
| 15 | 16QAM | 1 | 74 | 21.90 | 21.77 | 21.39 | | |
| 15 | 16QAM | 36 | 0 | 20.48 | 20.46 | 20.35 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.62 | 20.47 | 20.28 | | |
| 15 | 16QAM | 36 | 39 | 20.51 | 20.33 | 20.32 | | |
| 15 | 16QAM | 75 | 0 | 20.50 | 20.36 | 20.36 | | |
| 15 | 64QAM | 1 | 0 | 20.48 | 20.47 | 20.65 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.57 | 20.61 | 20.77 | | |
| 15 | 64QAM | 1 | 74 | 20.45 | 20.43 | 20.47 | | |
| 15 | 64QAM | 36 | 0 | 19.49 | 19.44 | 19.48 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.56 | 19.49 | 19.39 | | |
| 15 | 64QAM | 36 | 39 | 19.54 | 19.53 | 19.28 | | |
| 15 | 64QAM | 75 | 0 | 19.55 | 19.46 | 19.37 | | |
| 15 | 256QAM | 1 | 0 | 17.36 | 17.45 | 17.38 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.41 | 17.35 | 17.24 | | |
| 15 | 256QAM | 1 | 74 | 17.51 | 17.35 | 17.25 | | |
| 15 | 256QAM | 36 | 0 | 17.19 | 17.26 | 17.12 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.25 | 17.33 | 17.11 | | |
| 15 | 256QAM | 36 | 39 | 17.29 | 17.37 | 17.34 | | |
| 15 | 256QAM | 75 | 0 | 17.33 | 17.24 | 17.07 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.57 | 22.63 | 22.62 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.53 | 22.25 | 22.27 | | |
| 10 | QPSK | 1 | 49 | 22.29 | 22.26 | 22.23 | | |
| 10 | QPSK | 25 | 0 | 21.53 | 21.53 | 21.36 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.49 | 21.42 | 21.39 | | |
| 10 | QPSK | 25 | 25 | 21.57 | 21.42 | 21.38 | | |
| 10 | QPSK | 50 | 0 | 21.48 | 21.59 | 21.46 | | |
| 10 | 16QAM | 1 | 0 | 21.54 | 21.72 | 21.72 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.89 | 21.85 | 21.71 | | |
| 10 | 16QAM | 1 | 49 | 21.78 | 21.69 | 21.40 | | |
| 10 | 16QAM | 25 | 0 | 20.43 | 20.46 | 20.48 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.48 | 20.46 | 20.35 | | |
| 10 | 16QAM | 25 | 25 | 20.53 | 20.43 | 20.37 | | |
| 10 | 16QAM | 50 | 0 | 20.57 | 20.38 | 20.33 | | |
| 10 | 64QAM | 1 | 0 | 20.50 | 20.51 | 20.67 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.58 | 20.73 | 20.87 | | |
| 10 | 64QAM | 1 | 49 | 20.37 | 20.46 | 20.47 | | |
| 10 | 64QAM | 25 | 0 | 19.44 | 19.50 | 19.55 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.47 | 19.53 | 19.42 | | |
| 10 | 64QAM | 25 | 25 | 19.48 | 19.60 | 19.34 | | |
| 10 | 64QAM | 50 | 0 | 19.46 | 19.49 | 19.37 | | |
| 10 | 256QAM | 1 | 0 | 17.44 | 17.55 | 17.45 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.37 | 17.41 | 17.28 | | |
| 10 | 256QAM | 1 | 49 | 17.52 | 17.42 | 17.31 | | |
| 10 | 256QAM | 25 | 0 | 17.17 | 17.34 | 17.24 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.26 | 17.32 | 17.17 | | |
| 10 | 256QAM | 25 | 25 | 17.29 | 17.34 | 17.34 | | |
| 10 | 256QAM | 50 | 0 | 17.25 | 17.36 | 17.08 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.59 | 22.64 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.55 | 22.21 | 22.28 | | |
| 5 | QPSK | 1 | 24 | 22.27 | 22.34 | 22.23 | | |
| 5 | QPSK | 12 | 0 | 21.62 | 21.51 | 21.37 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.62 | 21.45 | 21.33 | | |
| 5 | QPSK | 12 | 13 | 21.53 | 21.48 | 21.32 | | |
| 5 | QPSK | 25 | 0 | 21.37 | 21.52 | 21.36 | | |
| 5 | 16QAM | 1 | 0 | 21.63 | 21.64 | 21.77 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.93 | 21.83 | 21.56 | | |
| 5 | 16QAM | 1 | 24 | 21.78 | 21.78 | 21.33 | | |
| 5 | 16QAM | 12 | 0 | 20.43 | 20.50 | 20.35 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.52 | 20.52 | 20.37 | | |
| 5 | 16QAM | 12 | 13 | 20.56 | 20.37 | 20.28 | | |
| 5 | 16QAM | 25 | 0 | 20.58 | 20.42 | 20.29 | | |
| 5 | 64QAM | 1 | 0 | 20.47 | 20.46 | 20.66 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.53 | 20.63 | 20.73 | | |
| 5 | 64QAM | 1 | 24 | 20.40 | 20.41 | 20.37 | | |
| 5 | 64QAM | 12 | 0 | 19.51 | 19.42 | 19.41 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.46 | 19.53 | 19.38 | | |
| 5 | 64QAM | 12 | 13 | 19.49 | 19.59 | 19.29 | | |
| 5 | 64QAM | 25 | 0 | 19.57 | 19.46 | 19.32 | | |
| 5 | 256QAM | 1 | 0 | 17.37 | 17.48 | 17.45 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.41 | 17.44 | 17.37 | | |
| 5 | 256QAM | 1 | 24 | 17.55 | 17.37 | 17.24 | | |
| 5 | 256QAM | 12 | 0 | 17.32 | 17.33 | 17.17 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.29 | 17.31 | 17.18 | | |
| 5 | 256QAM | 12 | 13 | 17.35 | 17.42 | 17.27 | | |
| 5 | 256QAM | 25 | 0 | 17.31 | 17.24 | 17.05 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.53 | 22.60 | 22.56 | 24 | 0 |
| 3 | QPSK | 1 | 8 | 22.45 | 22.33 | 22.30 | | |
| 3 | QPSK | 1 | 14 | 22.29 | 22.33 | 22.22 | | |
| 3 | QPSK | 8 | 0 | 21.53 | 21.53 | 21.47 | 23 | 1 |
| 3 | QPSK | 8 | 4 | 21.59 | 21.56 | 21.31 | | |
| 3 | QPSK | 8 | 7 | 21.52 | 21.52 | 21.42 | | |
| 3 | QPSK | 15 | 0 | 21.44 | 21.55 | 21.45 | | |
| 3 | 16QAM | 1 | 0 | 21.54 | 21.75 | 21.67 | 23 | 1 |
| 3 | 16QAM | 1 | 8 | 21.91 | 21.82 | 21.59 | | |
| 3 | 16QAM | 1 | 14 | 21.91 | 21.73 | 21.47 | | |
| 3 | 16QAM | 8 | 0 | 20.52 | 20.48 | 20.40 | 22 | 2 |
| 3 | 16QAM | 8 | 4 | 20.48 | 20.48 | 20.35 | | |
| 3 | 16QAM | 8 | 7 | 20.52 | 20.34 | 20.40 | | |
| 3 | 16QAM | 15 | 0 | 20.55 | 20.50 | 20.26 | | |
| 3 | 64QAM | 1 | 0 | 20.56 | 20.44 | 20.66 | 22 | 2 |
| 3 | 64QAM | 1 | 8 | 20.61 | 20.68 | 20.85 | | |
| 3 | 64QAM | 1 | 14 | 20.36 | 20.44 | 20.50 | | |
| 3 | 64QAM | 8 | 0 | 19.38 | 19.49 | 19.50 | 21 | 3 |
| 3 | 64QAM | 8 | 4 | 19.50 | 19.46 | 19.34 | | |
| 3 | 64QAM | 8 | 7 | 19.43 | 19.53 | 19.34 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 19.43 | 19.42 | | |
| 3 | 256QAM | 1 | 0 | 17.41 | 17.43 | 17.33 | 19 | 5 |
| 3 | 256QAM | 1 | 8 | 17.46 | 17.40 | 17.24 | | |
| 3 | 256QAM | 1 | 14 | 17.49 | 17.38 | 17.31 | | |
| 3 | 256QAM | 8 | 0 | 17.24 | 17.30 | 17.19 | 19 | 5 |
| 3 | 256QAM | 8 | 4 | 17.31 | 17.29 | 17.13 | | |
| 3 | 256QAM | 8 | 7 | 17.37 | 17.42 | 17.28 | | |
| 3 | 256QAM | 15 | 0 | 17.27 | 17.29 | 17.11 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.46 | 22.58 | 22.61 | 24 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.47 | 22.21 | 22.29 | | |
| 1.4 | QPSK | 1 | 5 | 22.24 | 22.32 | 22.20 | | |
| 1.4 | QPSK | 3 | 0 | 22.29 | 22.30 | 22.16 | | |
| 1.4 | QPSK | 3 | 1 | 22.32 | 22.36 | 22.18 | | |
| 1.4 | QPSK | 3 | 3 | 22.39 | 22.32 | 22.15 | | |
| 1.4 | QPSK | 6 | 0 | 21.46 | 21.56 | 21.38 | 23 | 1 |
| 1.4 | 16QAM | 1 | 0 | 21.57 | 21.61 | 21.68 | 23 | 1 |
| 1.4 | 16QAM | 1 | 3 | 21.92 | 21.89 | 21.70 | | |
| 1.4 | 16QAM | 1 | 5 | 21.77 | 21.77 | 21.42 | | |
| 1.4 | 16QAM | 3 | 0 | 21.57 | 21.44 | 21.45 | | |
| 1.4 | 16QAM | 3 | 1 | 21.60 | 21.47 | 21.37 | | |
| 1.4 | 16QAM | 3 | 3 | 21.53 | 21.42 | 21.35 | | |
| 1.4 | 16QAM | 6 | 0 | 20.57 | 20.49 | 20.31 | 22 | 2 |
| 1.4 | 64QAM | 1 | 0 | 20.58 | 20.55 | 20.69 | 22 | 2 |
| 1.4 | 64QAM | 1 | 3 | 20.57 | 20.69 | 20.82 | | |
| 1.4 | 64QAM | 1 | 5 | 20.45 | 20.55 | 20.37 | | |
| 1.4 | 64QAM | 3 | 0 | 20.53 | 20.47 | 20.46 | | |
| 1.4 | 64QAM | 3 | 1 | 20.55 | 20.50 | 20.34 | | |
| 1.4 | 64QAM | 3 | 3 | 20.41 | 20.54 | 20.38 | | |
| 1.4 | 64QAM | 6 | 0 | 19.45 | 19.42 | 19.31 | 21 | 3 |
| 1.4 | 256QAM | 1 | 0 | 17.42 | 17.49 | 17.31 | 19 | 5 |
| 1.4 | 256QAM | 1 | 3 | 17.45 | 17.34 | 17.30 | | |
| 1.4 | 256QAM | 1 | 5 | 17.55 | 17.49 | 17.30 | | |
| 1.4 | 256QAM | 3 | 0 | 17.20 | 17.31 | 17.16 | | |
| 1.4 | 256QAM | 3 | 1 | 17.35 | 17.38 | 17.17 | | |
| 1.4 | 256QAM | 3 | 3 | 17.34 | 17.30 | 17.22 | | |
| 1.4 | 256QAM | 6 | 0 | 17.36 | 17.24 | 17.13 | 19 | 5 |

## Band 38_Ant 1(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 | 22.52 | 22.59 | 22.45 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.37 | 22.43 | 22.42 | | |
| 20 | QPSK | 1 | 99 | 22.46 | 22.46 | 22.38 | | |
| 20 | QPSK | 50 | 0 | 21.27 | 21.34 | 21.19 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.15 | 21.25 | 21.17 | | |
| 20 | QPSK | 50 | 50 | 21.20 | 21.26 | 21.16 | | |
| 20 | QPSK | 100 | 0 | 21.75 | 21.76 | 21.70 | | |
| 20 | 16QAM | 1 | 0 | 21.70 | 21.69 | 21.65 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.62 | 21.71 | 21.65 | | |
| 20 | 16QAM | 1 | 99 | 21.51 | 21.60 | 21.55 | | |
| 20 | 16QAM | 50 | 0 | 20.06 | 20.16 | 20.16 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.15 | 20.25 | 20.23 | | |
| 20 | 16QAM | 50 | 50 | 20.22 | 20.27 | 20.20 | | |
| 20 | 16QAM | 100 | 0 | 20.06 | 20.13 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 20.31 | 20.27 | 20.24 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.35 | 20.37 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.28 | 20.35 | 20.35 | | |
| 20 | 64QAM | 50 | 0 | 19.12 | 19.21 | 19.11 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.19 | 19.28 | 19.27 | | |
| 20 | 64QAM | 50 | 50 | 19.21 | 19.28 | 19.22 | | |
| 20 | 64QAM | 100 | 0 | 19.12 | 19.21 | 19.15 | | |
| 20 | 256QAM | 1 | 0 | 17.30 | 17.35 | 17.26 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.38 | 17.38 | 17.36 | | |
| 20 | 256QAM | 1 | 99 | 17.34 | 17.41 | 17.41 | | |
| 20 | 256QAM | 50 | 0 | 17.15 | 17.23 | 17.21 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.08 | 17.16 | 17.07 | | |
| 20 | 256QAM | 50 | 50 | 17.22 | 17.22 | 17.20 | | |
| 20 | 256QAM | 100 | 0 | 17.02 | 17.11 | 17.08 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.57 | 22.49 | 22.36 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.32 | 22.35 | 22.46 | | |
| 15 | QPSK | 1 | 74 | 22.40 | 22.48 | 22.37 | | |
| 15 | QPSK | 36 | 0 | 21.31 | 21.33 | 21.11 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.12 | 21.17 | 21.09 | | |
| 15 | QPSK | 36 | 39 | 21.19 | 21.28 | 21.14 | | |
| 15 | QPSK | 75 | 0 | 21.66 | 21.78 | 21.68 | | |
| 15 | 16QAM | 1 | 0 | 21.64 | 21.62 | 21.70 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.53 | 21.64 | 21.67 | | |
| 15 | 16QAM | 1 | 74 | 21.50 | 21.58 | 21.57 | | |
| 15 | 16QAM | 36 | 0 | 20.10 | 20.17 | 20.15 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.07 | 20.18 | 20.19 | | |
| 15 | 16QAM | 36 | 39 | 20.22 | 20.29 | 20.20 | | |
| 15 | 16QAM | 75 | 0 | 20.07 | 20.10 | 20.15 | | |
| 15 | 64QAM | 1 | 0 | 20.35 | 20.24 | 20.16 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.40 | 20.30 | 20.28 | | |
| 15 | 64QAM | 1 | 74 | 20.33 | 20.32 | 20.39 | | |
| 15 | 64QAM | 36 | 0 | 19.04 | 19.15 | 19.04 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.20 | 19.22 | 19.30 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.26 | 19.12 | | |
| 15 | 64QAM | 75 | 0 | 19.02 | 19.16 | 19.08 | | |
| 15 | 256QAM | 1 | 0 | 17.34 | 17.27 | 17.16 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.32 | 17.41 | 17.31 | | |
| 15 | 256QAM | 1 | 74 | 17.27 | 17.31 | 17.31 | | |
| 15 | 256QAM | 36 | 0 | 17.05 | 17.19 | 17.25 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.11 | 17.10 | 17.08 | | |
| 15 | 256QAM | 36 | 39 | 17.15 | 17.26 | 17.25 | | |
| 15 | 256QAM | 75 | 0 | 17.09 | 17.02 | 17.08 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.56 | 22.54 | 22.44 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.36 | 22.45 | 22.40 | | |
| 10 | QPSK | 1 | 49 | 22.46 | 22.39 | 22.42 | | |
| 10 | QPSK | 25 | 0 | 21.22 | 21.32 | 21.17 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.14 | 21.22 | 21.20 | | |
| 10 | QPSK | 25 | 25 | 21.18 | 21.20 | 21.17 | | |
| 10 | QPSK | 50 | 0 | 21.66 | 21.77 | 21.61 | | |
| 10 | 16QAM | 1 | 0 | 21.75 | 21.68 | 21.68 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.66 | 21.63 | 21.56 | | |
| 10 | 16QAM | 1 | 49 | 21.43 | 21.54 | 21.54 | | |
| 10 | 16QAM | 25 | 0 | 20.01 | 20.11 | 20.07 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.10 | 20.20 | 20.18 | | |
| 10 | 16QAM | 25 | 25 | 20.12 | 20.27 | 20.24 | | |
| 10 | 16QAM | 50 | 0 | 20.02 | 20.16 | 20.15 | | |
| 10 | 64QAM | 1 | 0 | 20.34 | 20.26 | 20.14 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.38 | 20.27 | 20.27 | | |
| 10 | 64QAM | 1 | 49 | 20.33 | 20.31 | 20.28 | | |
| 10 | 64QAM | 25 | 0 | 19.10 | 19.25 | 19.11 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.11 | 19.29 | 19.17 | | |
| 10 | 64QAM | 25 | 25 | 19.17 | 19.25 | 19.17 | | |
| 10 | 64QAM | 50 | 0 | 19.10 | 19.22 | 19.12 | | |
| 10 | 256QAM | 1 | 0 | 17.24 | 17.34 | 17.26 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.39 | 17.29 | 17.30 | | |
| 10 | 256QAM | 1 | 49 | 17.24 | 17.39 | 17.41 | | |
| 10 | 256QAM | 25 | 0 | 17.06 | 17.13 | 17.12 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.08 | 17.19 | 17.06 | | |
| 10 | 256QAM | 25 | 25 | 17.13 | 17.22 | 17.18 | | |
| 10 | 256QAM | 50 | 0 | 17.04 | 17.06 | 17.11 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.49 | 22.45 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.37 | 22.36 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.45 | 22.43 | 22.32 | | |
| 5 | QPSK | 12 | 0 | 21.20 | 21.34 | 21.19 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.19 | 21.26 | 21.08 | | |
| 5 | QPSK | 12 | 13 | 21.19 | 21.24 | 21.20 | | |
| 5 | QPSK | 25 | 0 | 21.76 | 21.81 | 21.68 | | |
| 5 | 16QAM | 1 | 0 | 21.75 | 21.64 | 21.62 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.60 | 21.71 | 21.59 | | |
| 5 | 16QAM | 1 | 24 | 21.42 | 21.58 | 21.45 | | |
| 5 | 16QAM | 12 | 0 | 20.07 | 20.18 | 20.07 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.12 | 20.24 | 20.22 | | |
| 5 | 16QAM | 12 | 13 | 20.22 | 20.27 | 20.25 | | |
| 5 | 16QAM | 25 | 0 | 20.04 | 20.10 | 20.06 | | |
| 5 | 64QAM | 1 | 0 | 20.28 | 20.24 | 20.16 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.29 | 20.34 | 20.35 | | |
| 5 | 64QAM | 1 | 24 | 20.25 | 20.35 | 20.29 | | |
| 5 | 64QAM | 12 | 0 | 19.07 | 19.18 | 19.13 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.22 | 19.32 | | |
| 5 | 64QAM | 12 | 13 | 19.23 | 19.26 | 19.18 | | |
| 5 | 64QAM | 25 | 0 | 19.16 | 19.12 | 19.12 | | |
| 5 | 256QAM | 1 | 0 | 17.23 | 17.34 | 17.16 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.29 | 17.40 | 17.39 | | |
| 5 | 256QAM | 1 | 24 | 17.30 | 17.43 | 17.42 | | |
| 5 | 256QAM | 12 | 0 | 17.07 | 17.25 | 17.24 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.08 | 17.12 | 17.05 | | |
| 5 | 256QAM | 12 | 13 | 17.23 | 17.23 | 17.15 | | |
| 5 | 256QAM | 25 | 0 | 17.00 | 17.07 | 17.00 | | |

## Band 38_Ant 4

| 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 | 22.66 | 22.78 | 22.65 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.65 | 22.67 | 22.58 | | |
| 20 | QPSK | 1 | 99 | 22.63 | 22.66 | 22.63 | | |
| 20 | QPSK | 50 | 0 | 21.87 | 21.98 | 21.84 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.81 | 21.81 | 21.79 | | |
| 20 | QPSK | 50 | 50 | 21.82 | 21.84 | 21.75 | | |
| 20 | QPSK | 100 | 0 | 22.05 | 22.07 | 22.02 | | |
| 20 | 16QAM | 1 | 0 | 21.94 | 21.85 | 21.97 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.02 | 22.00 | 21.97 | | |
| 20 | 16QAM | 1 | 99 | 22.04 | 22.24 | 21.95 | | |
| 20 | 16QAM | 50 | 0 | 20.87 | 20.74 | 20.75 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.92 | 20.75 | 20.93 | | |
| 20 | 16QAM | 50 | 50 | 20.91 | 20.85 | 20.79 | | |
| 20 | 16QAM | 100 | 0 | 20.87 | 20.80 | 20.91 | | |
| 20 | 64QAM | 1 | 0 | 20.72 | 20.64 | 20.70 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.80 | 20.90 | 20.74 | | |
| 20 | 64QAM | 1 | 99 | 20.77 | 20.66 | 20.74 | | |
| 20 | 64QAM | 50 | 0 | 19.91 | 19.76 | 19.70 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.95 | 19.91 | 19.86 | | |
| 20 | 64QAM | 50 | 50 | 19.89 | 19.83 | 19.79 | | |
| 20 | 64QAM | 100 | 0 | 19.93 | 19.79 | 19.89 | | |
| 20 | 256QAM | 1 | 0 | 17.58 | 17.66 | 17.81 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.79 | 17.69 | 17.82 | | |
| 20 | 256QAM | 1 | 99 | 17.54 | 17.63 | 17.60 | | |
| 20 | 256QAM | 50 | 0 | 17.73 | 17.70 | 17.68 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.74 | 17.69 | 17.67 | | |
| 20 | 256QAM | 50 | 50 | 17.61 | 17.67 | 17.69 | | |
| 20 | 256QAM | 100 | 0 | 17.61 | 17.65 | 17.66 | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.72 | 22.70 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.63 | 22.60 | 22.60 | | |
| 15 | QPSK | 1 | 74 | 22.59 | 22.63 | 22.59 | | |
| 15 | QPSK | 36 | 0 | 21.85 | 21.88 | 21.86 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.72 | 21.73 | 21.71 | | |
| 15 | QPSK | 36 | 39 | 21.75 | 21.80 | 21.80 | | |
| 15 | QPSK | 75 | 0 | 21.95 | 22.03 | 21.92 | | |
| 15 | 16QAM | 1 | 0 | 21.88 | 21.85 | 21.87 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.05 | 21.98 | 21.95 | | |
| 15 | 16QAM | 1 | 74 | 22.02 | 22.26 | 21.91 | | |
| 15 | 16QAM | 36 | 0 | 20.79 | 20.70 | 20.71 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.90 | 20.73 | 20.85 | | |
| 15 | 16QAM | 36 | 39 | 20.94 | 20.84 | 20.84 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.72 | 20.89 | | |
| 15 | 64QAM | 1 | 0 | 20.67 | 20.58 | 20.69 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.82 | 20.85 | 20.79 | | |
| 15 | 64QAM | 1 | 74 | 20.79 | 20.66 | 20.65 | | |
| 15 | 64QAM | 36 | 0 | 19.90 | 19.75 | 19.69 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.85 | 19.82 | 19.88 | | |
| 15 | 64QAM | 36 | 39 | 19.85 | 19.84 | 19.79 | | |
| 15 | 64QAM | 75 | 0 | 19.95 | 19.75 | 19.81 | | |
| 15 | 256QAM | 1 | 0 | 17.56 | 17.61 | 17.80 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.74 | 17.59 | 17.72 | | |
| 15 | 256QAM | 1 | 74 | 17.45 | 17.64 | 17.59 | | |
| 15 | 256QAM | 36 | 0 | 17.70 | 17.60 | 17.64 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.65 | 17.74 | 17.58 | | |
| 15 | 256QAM | 36 | 39 | 17.54 | 17.70 | 17.72 | | |
| 15 | 256QAM | 75 | 0 | 17.55 | 17.64 | 17.69 | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | |
| 10 | QPSK | 1 | 0 | 22.65 | 22.69 | 22.62 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.66 | 22.68 | 22.63 | | |
| 10 | QPSK | 1 | 49 | 22.60 | 22.56 | 22.68 | | |
| 10 | QPSK | 25 | 0 | 21.92 | 21.96 | 21.77 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.78 | 21.75 | | |
| 10 | QPSK | 25 | 25 | 21.80 | 21.85 | 21.71 | | |
| 10 | QPSK | 50 | 0 | 22.02 | 21.98 | 21.93 | | |
| 10 | 16QAM | 1 | 0 | 21.99 | 21.79 | 21.99 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 21.97 | 22.03 | 21.93 | | |
| 10 | 16QAM | 1 | 49 | 22.06 | 22.28 | 21.95 | | |
| 10 | 16QAM | 25 | 0 | 20.84 | 20.75 | 20.79 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.96 | 20.72 | 20.88 | | |
| 10 | 16QAM | 25 | 25 | 20.85 | 20.76 | 20.73 | | |
| 10 | 16QAM | 50 | 0 | 20.85 | 20.81 | 20.83 | | |
| 10 | 64QAM | 1 | 0 | 20.64 | 20.69 | 20.69 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.80 | 20.83 | 20.79 | | |
| 10 | 64QAM | 1 | 49 | 20.78 | 20.56 | 20.69 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.81 | 19.62 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.92 | 19.84 | 19.86 | | |
| 10 | 64QAM | 25 | 25 | 19.83 | 19.82 | 19.70 | | |
| 10 | 64QAM | 50 | 0 | 19.83 | 19.70 | 19.82 | | |
| 10 | 256QAM | 1 | 0 | 17.56 | 17.71 | 17.73 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.78 | 17.66 | 17.73 | | |
| 10 | 256QAM | 1 | 49 | 17.47 | 17.57 | 17.57 | | |
| 10 | 256QAM | 25 | 0 | 17.78 | 17.75 | 17.65 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.70 | 17.61 | 17.61 | | |
| 10 | 256QAM | 25 | 25 | 17.59 | 17.66 | 17.59 | | |
| 10 | 256QAM | 50 | 0 | 17.61 | 17.60 | 17.62 | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.72 | 22.61 | 24 | 0 |
| 5 | QPSK | 1 | 12 | 22.61 | 22.58 | 22.57 | | |
| 5 | QPSK | 1 | 24 | 22.64 | 22.68 | 22.64 | | |
| 5 | QPSK | 12 | 0 | 21.80 | 21.90 | 21.78 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.73 | 21.85 | 21.71 | | |
| 5 | QPSK | 12 | 13 | 21.76 | 21.89 | 21.71 | | |
| 5 | QPSK | 25 | 0 | 22.03 | 22.09 | 21.99 | | |
| 5 | 16QAM | 1 | 0 | 21.99 | 21.87 | 22.00 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 21.96 | 22.05 | 21.99 | | |
| 5 | 16QAM | 1 | 24 | 22.02 | 22.17 | 21.94 | | |
| 5 | 16QAM | 12 | 0 | 20.90 | 20.68 | 20.70 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.84 | 20.74 | 20.89 | | |
| 5 | 16QAM | 12 | 13 | 20.82 | 20.84 | 20.69 | | |
| 5 | 16QAM | 25 | 0 | 20.86 | 20.74 | 20.82 | | |
| 5 | 64QAM | 1 | 0 | 20.64 | 20.60 | 20.66 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.77 | 20.93 | 20.75 | | |
| 5 | 64QAM | 1 | 24 | 20.71 | 20.70 | 20.71 | | |
| 5 | 64QAM | 12 | 0 | 19.94 | 19.80 | 19.64 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.99 | 19.88 | 19.90 | | |
| 5 | 64QAM | 12 | 13 | 19.89 | 19.74 | 19.82 | | |
| 5 | 64QAM | 25 | 0 | 19.96 | 19.83 | 19.81 | | |
| 5 | 256QAM | 1 | 0 | 17.63 | 17.70 | 17.72 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.82 | 17.61 | 17.78 | | |
| 5 | 256QAM | 1 | 24 | 17.54 | 17.68 | 17.63 | | |
| 5 | 256QAM | 12 | 0 | 17.76 | 17.67 | 17.67 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.77 | 17.66 | 17.60 | | |
| 5 | 256QAM | 12 | 13 | 17.59 | 17.62 | 17.59 | | |
| 5 | 256QAM | 25 | 0 | 17.54 | 17.56 | 17.62 | | |

## Band 41_Ant 1(ENDC)

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 23.03 | 23.02 | 23.05 | 22.85 | 22.56 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.86 | 22.92 | 22.96 | 22.56 | 22.40 | | |
| 20 | QPSK | 1 | 99 | 22.81 | 22.82 | 22.88 | 22.62 | 22.47 | | |
| 20 | QPSK | 50 | 0 | 21.86 | 21.84 | 21.89 | 21.73 | 21.63 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.83 | 21.83 | 21.84 | 21.72 | 21.58 | | |
| 20 | QPSK | 50 | 50 | 21.84 | 21.78 | 21.85 | 21.71 | 21.60 | | |
| 20 | QPSK | 100 | 0 | 22.57 | 22.57 | 22.62 | 22.04 | 21.80 | | |
| 20 | 16QAM | 1 | 0 | 22.52 | 22.62 | 22.45 | 21.99 | 21.75 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.26 | 22.34 | 21.85 | 21.72 | | |
| 20 | 16QAM | 1 | 99 | 22.23 | 22.29 | 22.32 | 21.81 | 21.68 | | |
| 20 | 16QAM | 50 | 0 | 20.89 | 20.88 | 20.91 | 20.76 | 20.59 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.84 | 20.82 | 20.89 | 20.69 | 20.50 | | |
| 20 | 16QAM | 50 | 50 | 20.85 | 20.89 | 20.90 | 20.65 | 20.55 | | |
| 20 | 16QAM | 100 | 0 | 20.78 | 20.80 | 20.83 | 20.69 | 20.52 | | |
| 20 | 64QAM | 1 | 0 | 21.01 | 21.10 | 21.08 | 20.62 | 20.58 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.99 | 20.95 | 21.02 | 20.61 | 20.44 | | |
| 20 | 64QAM | 1 | 99 | 20.97 | 21.01 | 21.04 | 20.59 | 20.53 | | |
| 20 | 64QAM | 50 | 0 | 19.88 | 19.85 | 19.91 | 19.72 | 19.60 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.85 | 19.88 | 19.70 | 19.59 | | |
| 20 | 64QAM | 50 | 50 | 19.86 | 19.88 | 19.90 | 19.71 | 19.56 | | |
| 20 | 64QAM | 100 | 0 | 19.76 | 19.76 | 19.84 | 19.70 | 19.55 | | |
| 20 | 256QAM | 1 | 0 | 17.89 | 17.86 | 17.85 | 17.99 | 17.84 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.80 | 17.80 | 17.81 | 17.90 | 17.74 | | |
| 20 | 256QAM | 1 | 99 | 17.74 | 17.71 | 17.79 | 17.98 | 17.83 | | |
| 20 | 256QAM | 50 | 0 | 17.93 | 17.89 | 17.95 | 17.74 | 17.55 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.81 | 17.74 | 17.83 | 17.71 | 17.52 | | |
| 20 | 256QAM | 50 | 50 | 17.80 | 17.84 | 17.90 | 17.71 | 17.53 | | |
| 20 | 256QAM | 100 | 0 | 17.75 | 17.80 | 17.83 | 17.63 | 17.54 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 23.02 | 22.97 | 23.03 | 22.82 | 22.53 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.77 | 22.94 | 22.88 | 22.57 | 22.40 | | |
| 15 | QPSK | 1 | 74 | 22.79 | 22.84 | 22.92 | 22.66 | 22.50 | | |
| 15 | QPSK | 36 | 0 | 21.81 | 21.77 | 21.82 | 21.77 | 21.55 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.85 | 21.75 | 21.88 | 21.72 | 21.55 | | |
| 15 | QPSK | 36 | 39 | 21.87 | 21.77 | 21.87 | 21.75 | 21.53 | | |
| 15 | QPSK | 75 | 0 | 22.62 | 22.53 | 22.61 | 22.06 | 21.73 | | |
| 15 | 16QAM | 1 | 0 | 22.43 | 22.62 | 22.44 | 21.91 | 21.78 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.27 | 22.31 | 22.31 | 21.80 | 21.75 | | |
| 15 | 16QAM | 1 | 74 | 22.21 | 22.26 | 22.32 | 21.86 | 21.63 | | |
| 15 | 16QAM | 36 | 0 | 20.94 | 20.80 | 20.92 | 20.73 | 20.50 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.79 | 20.78 | 20.84 | 20.61 | 20.49 | | |
| 15 | 16QAM | 36 | 39 | 20.78 | 20.94 | 20.90 | 20.58 | 20.54 | | |
| 15 | 16QAM | 75 | 0 | 20.70 | 20.79 | 20.78 | 20.62 | 20.50 | | |
| 15 | 64QAM | 1 | 0 | 21.03 | 21.09 | 21.01 | 20.56 | 20.51 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.94 | 20.85 | 20.96 | 20.65 | 20.49 | | |
| 15 | 64QAM | 1 | 74 | 20.95 | 20.94 | 21.09 | 20.61 | 20.47 | | |
| 15 | 64QAM | 36 | 0 | 19.93 | 19.89 | 19.89 | 19.66 | 19.51 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.76 | 19.82 | 19.87 | 19.72 | 19.59 | | |
| 15 | 64QAM | 36 | 39 | 19.82 | 19.83 | 19.93 | 19.74 | 19.53 | | |
| 15 | 64QAM | 75 | 0 | 19.77 | 19.68 | 19.76 | 19.71 | 19.45 | | |
| 15 | 256QAM | 1 | 0 | 17.91 | 17.78 | 17.84 | 17.96 | 17.84 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.80 | 17.79 | 17.78 | 17.91 | 17.69 | | |
| 15 | 256QAM | 1 | 74 | 17.68 | 17.66 | 17.80 | 17.92 | 17.87 | | |
| 15 | 256QAM | 36 | 0 | 17.90 | 17.91 | 17.88 | 17.67 | 17.58 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.73 | 17.66 | 17.75 | 17.63 | 17.42 | | |
| 15 | 256QAM | 36 | 39 | 17.85 | 17.75 | 17.83 | 17.71 | 17.51 | | |
| 15 | 256QAM | 75 | 0 | 17.73 | 17.76 | 17.73 | 17.58 | 17.44 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.98 | 23.03 | 22.99 | 22.78 | 22.46 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.85 | 22.96 | 22.90 | 22.53 | 22.30 | | |
| 10 | QPSK | 1 | 49 | 22.75 | 22.79 | 22.87 | 22.52 | 22.40 | | |
| 10 | QPSK | 25 | 0 | 21.87 | 21.87 | 21.80 | 21.69 | 21.55 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.87 | 21.85 | 21.75 | 21.67 | 21.49 | | |
| 10 | QPSK | 25 | 25 | 21.79 | 21.82 | 21.75 | 21.74 | 21.53 | | |
| 10 | QPSK | 50 | 0 | 22.51 | 22.49 | 22.52 | 22.06 | 21.85 | | |
| 10 | 16QAM | 1 | 0 | 22.50 | 22.62 | 22.38 | 21.96 | 21.75 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.28 | 22.24 | 22.28 | 21.89 | 21.65 | | |
| 10 | 16QAM | 1 | 49 | 22.24 | 22.32 | 22.22 | 21.78 | 21.73 | | |
| 10 | 16QAM | 25 | 0 | 20.86 | 20.80 | 20.88 | 20.78 | 20.62 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 20.76 | 20.81 | 20.90 | 20.65 | 20.42 | | |
| 10 | 16QAM | 25 | 25 | 20.78 | 20.94 | 20.82 | 20.70 | 20.57 | | |
| 10 | 16QAM | 50 | 0 | 20.68 | 20.82 | 20.77 | 20.70 | 20.42 | | |
| 10 | 64QAM | 1 | 0 | 21.06 | 21.02 | 21.07 | 20.52 | 20.49 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 20.96 | 20.94 | 20.93 | 20.51 | 20.34 | | |
| 10 | 64QAM | 1 | 49 | 20.94 | 21.00 | 21.00 | 20.64 | 20.49 | | |
| 10 | 64QAM | 25 | 0 | 19.92 | 19.88 | 19.95 | 19.66 | 19.59 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 19.79 | 19.79 | 19.92 | 19.68 | 19.57 | | |
| 10 | 64QAM | 25 | 25 | 19.79 | 19.92 | 19.91 | 19.74 | 19.57 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 19.76 | 19.81 | 19.66 | 19.46 | | |
| 10 | 256QAM | 1 | 0 | 17.88 | 17.85 | 17.87 | 17.92 | 17.88 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.73 | 17.85 | 17.78 | 17.94 | 17.66 | | |
| 10 | 256QAM | 1 | 49 | 17.71 | 17.74 | 17.83 | 17.92 | 17.84 | | |
| 10 | 256QAM | 25 | 0 | 17.91 | 17.81 | 17.87 | 17.65 | 17.57 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.72 | 17.71 | 17.75 | 17.68 | 17.49 | | |
| 10 | 256QAM | 25 | 25 | 17.78 | 17.86 | 17.89 | 17.75 | 17.50 | | |
| 10 | 256QAM | 50 | 0 | 17.69 | 17.81 | 17.86 | 17.66 | 17.58 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.93 | 22.99 | 23.04 | 22.84 | 22.58 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.78 | 22.82 | 22.87 | 22.46 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.86 | 22.77 | 22.79 | 22.60 | 22.46 | | |
| 5 | QPSK | 12 | 0 | 21.83 | 21.84 | 21.92 | 21.71 | 21.64 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 21.80 | 21.80 | 21.86 | 21.71 | 21.59 | | |
| 5 | QPSK | 12 | 13 | 21.86 | 21.78 | 21.78 | 21.76 | 21.61 | | |
| 5 | QPSK | 25 | 0 | 22.47 | 22.49 | 22.58 | 22.05 | 21.80 | | |
| 5 | 16QAM | 1 | 0 | 22.44 | 22.56 | 22.50 | 22.01 | 21.79 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.26 | 22.19 | 22.24 | 21.79 | 21.66 | | |
| 5 | 16QAM | 1 | 24 | 22.14 | 22.19 | 22.35 | 21.74 | 21.66 | | |
| 5 | 16QAM | 12 | 0 | 20.84 | 20.83 | 20.90 | 20.78 | 20.61 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 20.77 | 20.72 | 20.81 | 20.72 | 20.40 | | |
| 5 | 16QAM | 12 | 13 | 20.76 | 20.79 | 20.92 | 20.60 | 20.45 | | |
| 5 | 16QAM | 25 | 0 | 20.75 | 20.84 | 20.82 | 20.72 | 20.46 | | |
| 5 | 64QAM | 1 | 0 | 21.00 | 21.01 | 21.13 | 20.66 | 20.56 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 20.98 | 20.98 | 21.03 | 20.66 | 20.37 | | |
| 5 | 64QAM | 1 | 24 | 20.92 | 21.02 | 21.01 | 20.53 | 20.43 | | |
| 5 | 64QAM | 12 | 0 | 19.83 | 19.82 | 19.90 | 19.70 | 19.61 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 19.78 | 19.76 | 19.84 | 19.62 | 19.56 | | |
| 5 | 64QAM | 12 | 13 | 19.84 | 19.84 | 19.84 | 19.75 | 19.53 | | |
| 5 | 64QAM | 25 | 0 | 19.80 | 19.70 | 19.78 | 19.65 | 19.49 | | |
| 5 | 256QAM | 1 | 0 | 17.87 | 17.89 | 17.90 | 17.97 | 17.89 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.74 | 17.72 | 17.85 | 17.94 | 17.76 | | |
| 5 | 256QAM | 1 | 24 | 17.72 | 17.67 | 17.71 | 17.92 | 17.84 | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.90 | 17.93 | 17.77 | 17.58 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.72 | 17.67 | 17.83 | 17.69 | 17.42 | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.77 | 17.88 | 17.64 | 17.51 | | |
| 5 | 256QAM | 25 | 0 | 17.75 | 17.85 | 17.82 | 17.64 | 17.53 | | |

## Band 41_Ant 4

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Low Middle Ch. / Freq. | Power Middle Ch. / Freq. | Power High 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 | 22.73 | 22.76 | 22.79 | 22.75 | 22.75 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.49 | 22.64 | 22.75 | 22.61 | 22.56 | | |
| 20 | QPSK | 1 | 99 | 22.72 | 22.75 | 22.76 | 22.73 | 22.61 | | |
| 20 | QPSK | 50 | 0 | 22.29 | 22.54 | 22.58 | 22.41 | 22.44 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 22.19 | 22.44 | 22.33 | 22.32 | 22.36 | | |
| 20 | QPSK | 50 | 50 | 22.22 | 22.32 | 22.35 | 22.40 | 22.23 | | |
| 20 | QPSK | 100 | 0 | 22.30 | 22.53 | 22.57 | 22.53 | 22.56 | | |
| 20 | 16QAM | 1 | 0 | 22.30 | 22.40 | 22.52 | 22.50 | 22.53 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 22.42 | 22.50 | 22.59 | 22.56 | 22.40 | | |
| 20 | 16QAM | 1 | 99 | 22.38 | 22.74 | 22.64 | 22.53 | 22.48 | | |
| 20 | 16QAM | 50 | 0 | 21.22 | 21.46 | 21.50 | 21.43 | 21.40 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 21.30 | 21.42 | 21.53 | 21.38 | 21.35 | | |
| 20 | 16QAM | 50 | 50 | 21.15 | 21.44 | 21.37 | 21.45 | 21.39 | | |
| 20 | 16QAM | 100 | 0 | 21.03 | 21.52 | 21.44 | 21.35 | 21.40 | | |
| 20 | 64QAM | 1 | 0 | 21.02 | 21.20 | 21.46 | 21.33 | 21.44 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 21.12 | 21.13 | 21.32 | 21.38 | 21.23 | | |
| 20 | 64QAM | 1 | 99 | 21.17 | 21.35 | 21.35 | 21.37 | 21.38 | | |
| 20 | 64QAM | 50 | 0 | 20.28 | 20.43 | 20.48 | 20.42 | 20.37 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 20.12 | 20.41 | 20.46 | 20.40 | 20.43 | | |
| 20 | 64QAM | 50 | 50 | 20.18 | 20.42 | 20.39 | 20.47 | 20.30 | | |
| 20 | 64QAM | 100 | 0 | 20.21 | 20.56 | 20.45 | 20.44 | 20.43 | | |
| 20 | 256QAM | 1 | 0 | 17.94 | 17.81 | 18.11 | 17.89 | 18.11 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.84 | 17.91 | 18.10 | 17.81 | 18.09 | | |
| 20 | 256QAM | 1 | 99 | 17.84 | 17.94 | 18.28 | 17.95 | 17.94 | | |
| 20 | 256QAM | 50 | 0 | 17.83 | 17.89 | 18.07 | 17.97 | 18.22 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 18.00 | 17.99 | 18.11 | 17.90 | 18.09 | | |
| 20 | 256QAM | 50 | 50 | 17.90 | 17.92 | 18.20 | 17.95 | 18.12 | | |
| 20 | 256QAM | 100 | 0 | 17.87 | 17.91 | 18.36 | 18.03 | 18.07 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 22.68 | 22.64 | 22.77 | 22.62 | 22.69 | 24.00 | 0 |
| 15 | QPSK | 1 | 37 | 22.46 | 22.58 | 22.69 | 22.49 | 22.52 | | |
| 15 | QPSK | 1 | 74 | 22.70 | 22.67 | 22.70 | 22.67 | 22.56 | | |
| 15 | QPSK | 36 | 0 | 22.18 | 22.48 | 22.50 | 22.32 | 22.33 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 22.08 | 22.37 | 22.26 | 22.26 | 22.33 | | |
| 15 | QPSK | 36 | 39 | 22.16 | 22.27 | 22.33 | 22.31 | 22.17 | | |
| 15 | QPSK | 75 | 0 | 22.23 | 22.44 | 22.48 | 22.43 | 22.50 | | |
| 15 | 16QAM | 1 | 0 | 22.27 | 22.34 | 22.45 | 22.38 | 22.50 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 22.38 | 22.39 | 22.49 | 22.44 | 22.36 | | |
| 15 | 16QAM | 1 | 74 | 22.26 | 22.64 | 22.61 | 22.49 | 22.39 | | |
| 15 | 16QAM | 36 | 0 | 21.18 | 21.39 | 21.45 | 21.32 | 21.35 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 21.28 | 21.37 | 21.42 | 21.29 | 21.30 | | |
| 15 | 16QAM | 36 | 39 | 21.12 | 21.37 | 21.34 | 21.38 | 21.29 | | |
| 15 | 16QAM | 75 | 0 | 21.01 | 21.46 | 21.33 | 21.27 | 21.30 | | |
| 15 | 64QAM | 1 | 0 | 20.90 | 21.14 | 21.38 | 21.23 | 21.42 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 21.01 | 21.11 | 21.20 | 21.31 | 21.20 | | |
| 15 | 64QAM | 1 | 74 | 21.06 | 21.28 | 21.33 | 21.32 | 21.26 | | |
| 15 | 64QAM | 36 | 0 | 20.22 | 20.34 | 20.38 | 20.32 | 20.32 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 20.06 | 20.37 | 20.44 | 20.33 | 20.39 | | |
| 15 | 64QAM | 36 | 39 | 20.07 | 20.35 | 20.35 | 20.45 | 20.21 | | |
| 15 | 64QAM | 75 | 0 | 20.17 | 20.46 | 20.37 | 20.34 | 20.32 | | |
| 15 | 256QAM | 1 | 0 | 17.88 | 17.75 | 18.08 | 17.79 | 18.00 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.74 | 17.79 | 17.98 | 17.74 | 18.00 | | |
| 15 | 256QAM | 1 | 74 | 17.73 | 17.91 | 18.22 | 17.92 | 17.84 | | |
| 15 | 256QAM | 36 | 0 | 17.77 | 17.84 | 18.04 | 17.85 | 18.20 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.98 | 17.87 | 18.04 | 17.83 | 18.00 | | |
| 15 | 256QAM | 36 | 39 | 17.88 | 17.86 | 18.08 | 17.92 | 18.09 | | |
| 15 | 256QAM | 75 | 0 | 17.79 | 17.88 | 18.33 | 17.97 | 18.03 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 22.64 | 22.68 | 22.72 | 22.64 | 22.64 | 24.00 | 0 |
| 10 | QPSK | 1 | 25 | 22.42 | 22.55 | 22.66 | 22.51 | 22.44 | | |
| 10 | QPSK | 1 | 49 | 22.63 | 22.67 | 22.71 | 22.65 | 22.49 | | |
| 10 | QPSK | 25 | 0 | 22.19 | 22.50 | 22.50 | 22.32 | 22.32 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 22.09 | 22.40 | 22.30 | 22.28 | 22.31 | | |
| 10 | QPSK | 25 | 25 | 22.19 | 22.24 | 22.32 | 22.37 | 22.13 | | |
| 10 | QPSK | 50 | 0 | 22.22 | 22.47 | 22.55 | 22.47 | 22.51 | | |
| 10 | 16QAM | 1 | 0 | 22.27 | 22.31 | 22.46 | 22.42 | 22.43 | 23 | 1 |
| 10 | 16QAM | 1 | 25 | 22.32 | 22.39 | 22.52 | 22.44 | 22.34 | | |
| 10 | 16QAM | 1 | 49 | 22.32 | 22.64 | 22.53 | 22.41 | 22.45 | | |
| 10 | 16QAM | 25 | 0 | 21.18 | 21.36 | 21.46 | 21.37 | 21.29 | 22 | 2 |
| 10 | 16QAM | 25 | 12 | 21.20 | 21.35 | 21.46 | 21.29 | 21.27 | | |
| 10 | 16QAM | 25 | 25 | 21.05 | 21.36 | 21.25 | 21.39 | 21.33 | | |
| 10 | 16QAM | 50 | 0 | 21.01 | 21.40 | 21.39 | 21.23 | 21.38 | | |
| 10 | 64QAM | 1 | 0 | 21.00 | 21.17 | 21.35 | 21.23 | 21.37 | 22 | 2 |
| 10 | 64QAM | 1 | 25 | 21.03 | 21.02 | 21.23 | 21.34 | 21.14 | | |
| 10 | 64QAM | 1 | 49 | 21.09 | 21.27 | 21.26 | 21.31 | 21.28 | | |
| 10 | 64QAM | 25 | 0 | 20.17 | 20.41 | 20.45 | 20.34 | 20.32 | 21 | 3 |
| 10 | 64QAM | 25 | 12 | 20.04 | 20.29 | 20.35 | 20.38 | 20.41 | | |
| 10 | 64QAM | 25 | 25 | 20.09 | 20.38 | 20.27 | 20.41 | 20.25 | | |
| 10 | 64QAM | 50 | 0 | 20.12 | 20.51 | 20.38 | 20.39 | 20.31 | | |
| 10 | 256QAM | 1 | 0 | 17.89 | 17.70 | 17.99 | 17.83 | 18.04 | 19 | 5 |
| 10 | 256QAM | 1 | 25 | 17.79 | 17.80 | 18.08 | 17.74 | 18.07 | | |
| 10 | 256QAM | 1 | 49 | 17.79 | 17.91 | 18.18 | 17.83 | 17.87 | | |
| 10 | 256QAM | 25 | 0 | 17.71 | 17.86 | 18.04 | 17.92 | 18.19 | 19 | 5 |
| 10 | 256QAM | 25 | 12 | 17.89 | 17.90 | 18.09 | 17.85 | 18.02 | | |
| 10 | 256QAM | 25 | 25 | 17.83 | 17.90 | 18.13 | 17.91 | 18.08 | | |
| 10 | 256QAM | 50 | 0 | 17.82 | 17.84 | 18.24 | 17.97 | 17.97 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 22.65 | 22.72 | 22.71 | 22.61 | 22.65 | 24.00 | 0 |
| 5 | QPSK | 1 | 12 | 22.45 | 22.60 | 22.64 | 22.50 | 22.52 | | |
| 5 | QPSK | 1 | 24 | 22.69 | 22.67 | 22.73 | 22.64 | 22.50 | | |
| 5 | QPSK | 12 | 0 | 22.26 | 22.45 | 22.50 | 22.33 | 22.39 | 23 | 1 |
| 5 | QPSK | 12 | 7 | 22.08 | 22.40 | 22.30 | 22.30 | 22.29 | | |
| 5 | QPSK | 12 | 13 | 22.18 | 22.21 | 22.28 | 22.29 | 22.16 | | |
| 5 | QPSK | 25 | 0 | 22.28 | 22.51 | 22.47 | 22.45 | 22.54 | | |
| 5 | 16QAM | 1 | 0 | 22.19 | 22.37 | 22.41 | 22.44 | 22.49 | 23 | 1 |
| 5 | 16QAM | 1 | 12 | 22.38 | 22.47 | 22.49 | 22.53 | 22.30 | | |
| 5 | 16QAM | 1 | 24 | 22.32 | 22.65 | 22.61 | 22.51 | 22.45 | | |
| 5 | 16QAM | 12 | 0 | 21.20 | 21.44 | 21.47 | 21.35 | 21.38 | 22 | 2 |
| 5 | 16QAM | 12 | 7 | 21.24 | 21.34 | 21.43 | 21.33 | 21.27 | | |
| 5 | 16QAM | 12 | 13 | 21.10 | 21.32 | 21.34 | 21.42 | 21.33 | | |
| 5 | 16QAM | 25 | 0 | 20.97 | 21.44 | 21.38 | 21.28 | 21.38 | | |
| 5 | 64QAM | 1 | 0 | 20.97 | 21.09 | 21.43 | 21.23 | 21.39 | 22 | 2 |
| 5 | 64QAM | 1 | 12 | 21.08 | 21.06 | 21.26 | 21.36 | 21.18 | | |
| 5 | 64QAM | 1 | 24 | 21.08 | 21.31 | 21.33 | 21.26 | 21.33 | | |
| 5 | 64QAM | 12 | 0 | 20.25 | 20.40 | 20.42 | 20.30 | 20.34 | 21 | 3 |
| 5 | 64QAM | 12 | 7 | 20.00 | 20.32 | 20.38 | 20.38 | 20.35 | | |
| 5 | 64QAM | 12 | 13 | 20.16 | 20.30 | 20.28 | 20.41 | 20.22 | | |
| 5 | 64QAM | 25 | 0 | 20.09 | 20.54 | 20.36 | 20.40 | 20.35 | | |
| 5 | 256QAM | 1 | 0 | 17.89 | 17.71 | 18.00 | 17.77 | 18.02 | 19 | 5 |
| 5 | 256QAM | 1 | 12 | 17.80 | 17.82 | 17.99 | 17.74 | 18.04 | | |
| 5 | 256QAM | 1 | 24 | 17.80 | 17.85 | 18.20 | 17.87 | 17.90 | | |
| 5 | 256QAM | 12 | 0 | 17.80 | 17.78 | 17.97 | 17.90 | 18.20 | 19 | 5 |
| 5 | 256QAM | 12 | 7 | 17.96 | 17.94 | 18.08 | 17.86 | 18.05 | | |
| 5 | 256QAM | 12 | 13 | 17.82 | 17.84 | 18.11 | 17.91 | 18.00 | | |
| 5 | 256QAM | 25 | 0 | 17.82 | 17.82 | 18.27 | 17.92 | 17.97 | | |

## Band 42_Ant 5

| 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 | 22.26 | 22.30 | 22.11 | 24 | 0 |
| 20 | QPSK | 1 | 49 | 22.21 | 22.16 | 22.00 | | |
| 20 | QPSK | 1 | 99 | 22.00 | 22.00 | 22.01 | | |
| 20 | QPSK | 50 | 0 | 21.82 | 21.85 | 21.76 | 23 | 1 |
| 20 | QPSK | 50 | 24 | 21.77 | 21.71 | 21.65 | | |
| 20 | QPSK | 50 | 50 | 21.66 | 21.78 | 21.63 | | |
| 20 | QPSK | 100 | 0 | 21.85 | 22.01 | 21.94 | | |
| 20 | 16QAM | 1 | 0 | 21.75 | 21.87 | 21.96 | 23 | 1 |
| 20 | 16QAM | 1 | 49 | 21.80 | 21.89 | 21.75 | | |
| 20 | 16QAM | 1 | 99 | 21.65 | 21.75 | 21.69 | | |
| 20 | 16QAM | 50 | 0 | 20.73 | 20.65 | 20.85 | 22 | 2 |
| 20 | 16QAM | 50 | 24 | 20.65 | 20.79 | 20.63 | | |
| 20 | 16QAM | 50 | 50 | 20.79 | 20.81 | 20.63 | | |
| 20 | 16QAM | 100 | 0 | 20.68 | 20.71 | 20.69 | | |
| 20 | 64QAM | 1 | 0 | 20.57 | 20.60 | 20.54 | 22 | 2 |
| 20 | 64QAM | 1 | 49 | 20.64 | 20.65 | 20.53 | | |
| 20 | 64QAM | 1 | 99 | 20.45 | 20.52 | 20.46 | | |
| 20 | 64QAM | 50 | 0 | 19.73 | 19.82 | 19.75 | 21 | 3 |
| 20 | 64QAM | 50 | 24 | 19.83 | 19.66 | 19.74 | | |
| 20 | 64QAM | 50 | 50 | 19.64 | 19.66 | 19.72 | | |
| 20 | 64QAM | 100 | 0 | 19.66 | 19.60 | 19.76 | | |
| 20 | 256QAM | 1 | 0 | 17.14 | 17.05 | 17.05 | 19 | 5 |
| 20 | 256QAM | 1 | 49 | 17.11 | 17.11 | 17.04 | | |
| 20 | 256QAM | 1 | 99 | 17.22 | 17.14 | 17.09 | | |
| 20 | 256QAM | 50 | 0 | 17.21 | 17.08 | 17.18 | 19 | 5 |
| 20 | 256QAM | 50 | 24 | 17.00 | 17.06 | 17.21 | | |
| 20 | 256QAM | 50 | 50 | 17.12 | 17.09 | 17.02 | | |
| 20 | 256QAM | 100 | 0 | 17.03 | 17.12 | 17.12 | | |
| Channel | | | | 42165 | 42590 | 43015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500 | 3542.5 | | |
| 15 | QPSK | 1 | 0 | 22.25 | 22.24 | 22.05 | 24 | 0 |
| 15 | QPSK | 1 | 37 | 22.13 | 22.14 | 22.05 | | |
| 15 | QPSK | 1 | 74 | 22.03 | 22.05 | 22.06 | | |
| 15 | QPSK | 36 | 0 | 21.73 | 21.77 | 21.77 | 23 | 1 |
| 15 | QPSK | 36 | 20 | 21.75 | 21.63 | 21.63 | | |
| 15 | QPSK | 36 | 39 | 21.57 | 21.83 | 21.64 | | |
| 15 | QPSK | 75 | 0 | 21.82 | 21.98 | 21.90 | | |
| 15 | 16QAM | 1 | 0 | 21.73 | 21.84 | 21.92 | 23 | 1 |
| 15 | 16QAM | 1 | 37 | 21.77 | 21.87 | 21.80 | | |
| 15 | 16QAM | 1 | 74 | 21.55 | 21.80 | 21.73 | | |
| 15 | 16QAM | 36 | 0 | 20.67 | 20.61 | 20.85 | 22 | 2 |
| 15 | 16QAM | 36 | 20 | 20.61 | 20.76 | 20.65 | | |
| 15 | 16QAM | 36 | 39 | 20.82 | 20.85 | 20.66 | | |
| 15 | 16QAM | 75 | 0 | 20.69 | 20.72 | 20.62 | | |
| 15 | 64QAM | 1 | 0 | 20.48 | 20.59 | 20.55 | 22 | 2 |
| 15 | 64QAM | 1 | 37 | 20.59 | 20.70 | 20.55 | | |
| 15 | 64QAM | 1 | 74 | 20.37 | 20.47 | 20.38 | | |
| 15 | 64QAM | 36 | 0 | 19.69 | 19.83 | 19.79 | 21 | 3 |
| 15 | 64QAM | 36 | 20 | 19.75 | 19.61 | 19.79 | | |
| 15 | 64QAM | 36 | 39 | 19.63 | 19.67 | 19.68 | | |
| 15 | 64QAM | 75 | 0 | 19.67 | 19.59 | 19.72 | | |
| 15 | 256QAM | 1 | 0 | 17.16 | 17.06 | 17.09 | 19 | 5 |
| 15 | 256QAM | 1 | 37 | 17.13 | 17.11 | 17.05 | | |
| 15 | 256QAM | 1 | 74 | 17.24 | 17.06 | 17.06 | | |
| 15 | 256QAM | 36 | 0 | 17.25 | 17.09 | 17.13 | 19 | 5 |
| 15 | 256QAM | 36 | 20 | 17.07 | 17.03 | 17.18 | | |
| 15 | 256QAM | 36 | 39 | 17.13 | 17.03 | 17.05 | | |
| 15 | 256QAM | 75 | 0 | 17.05 | 17.07 | 17.16 | | |
| Channel | | | | 42140 | 42590 | 43040 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455 | 3500 | 3545 | | |
| 10 | QPSK | 1 | 0 | 22.25 | 22.24 | 22.10 | 24 | 0 |
| 10 | QPSK | 1 | 25 | 22.22 | 22.19 | 22.01 | | |
| 10 | QPSK | 1 | 49 | 22.05 | 22.01 | 22.02 | | |
| 10 | QPSK | 25 | 0 | 21.79 | 21.80 | 21.70 | 23 | 1 |
| 10 | QPSK | 25 | 12 | 21.72 | 21.76 | 21.56 | | |
| 10 | QPSK | 25 | 25 | 21.64 | 21.77 | 21.59

## Uplink CA Power

| CA_7C_Ant 1 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Power Reduction | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.55 | 24.00 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.60 | 24.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.51 | 24.00 |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.55 | 24.00 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.60 | 24.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.51 | 24.00 |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.92 | 19.50 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.96 | 19.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.90 | 19.50 |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.55 | 24.00 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.60 | 24.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.51 | 24.00 |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.75 | 21.00 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.76 | 21.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.68 | 21.00 |
| 20850 | 21048 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 17.92 | 19.50 |
| 21100 | 21298 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 17.96 | 19.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 17.90 | 19.50 |

| CA_66B_Ant 0 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Combination 15MHz+5MHz (75RB+25RB) | | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Power Reduction | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.42 | 24.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.53 | 24.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.48 | 24.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.42 | 24.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.53 | 24.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.48 | 24.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.72 | 19.50 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.88 | 19.50 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.75 | 19.50 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.42 | 24.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.53 | 24.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.48 | 24.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.38 | 22.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.41 | 22.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.35 | 22.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.33 | 18.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.52 | 18.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.42 | 18.00 |

| CA_66C_Ant 0 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Power Reduction | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.49 | 24.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.54 | 24.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.43 | 24.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.49 | 24.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.54 | 24.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 22.43 | 24.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.94 | 19.50 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.98 | 19.50 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.88 | 19.50 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.49 | 24.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.54 | 24.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.43 | 24.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.42 | 22.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.51 | 22.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 20.40 | 22.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.50 | 18.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.60 | 18.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 16.52 | 18.00 |

| CA_66B_Ant 4 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Combination 15MHz+5MHz (75RB+25RB) | | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Power Reduction | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.40 | 24.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.49 | 24.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.46 | 24.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.51 | 18.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.54 | 18.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.49 | 18.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.01 | 19.50 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.19 | 19.50 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 17.99 | 19.50 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.47 | 24.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.59 | 24.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.50 | 24.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.33 | 21.00 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.46 | 21.00 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.32 | 21.00 |
| 132047 | 132140 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 14.99 | 16.50 |
| 132322 | 132415 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 14.99 | 16.50 |
| 132597 | 132504 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 14.96 | 16.50 |

| CA_66C_Ant 4 | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Total RB Size | Target MPR Level (dB) | Power Reduction | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | | | | |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.51 | 24.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.61 | 24.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | FULL power | 22.58 | 24.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.61 | 18.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.65 | 18.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 2 | 16.58 | 18.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.08 | 19.50 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.21 | 19.50 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 3 | 18.10 | 19.50 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.51 | 24.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.61 | 24.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 4 | 22.58 | 24.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.41 | 21.00 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.55 | 21.00 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 6 | 19.42 | 21.00 |
| 132072 | 132270 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 15.07 | 16.50 |
| 132322 | 132520 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 15.11 | 16.50 |
| 132572 | 132374 | QPSK | 1 | 0 | 0 | 0 | 1 | 0 | DSI 7 | 15.00 | 16.50 |

# Downlink CA Power

Full Power

2CC

| Configure | | CA Configuration (BCS) | PCC | | | | | | | SCC | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | LTE Band | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) |
| Inter-Band | | CA_7A-42A | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 42 | 20M | 3500 | 42590 | 22.55 | 22.64 |
| | | CA_26A-41A | Band 26 | 15M | 831.5 | 26865 | QPSK | 1 | 0 | Band 41 | 20M | 2593 | 40620 | 22.38 | 22.45 |
| | | CA_41A-42A | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 42 | 20M | 3500 | 42590 | 22.68 | 22.79 |
| Intra-Band | Non-Contiguous | CA_2A-2A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 2 | 5M | 1987.5 | 1175 | 22.78 | 22.91 |
| | | CA_4A-4A | Band 4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | Band 4 | 5M | 2152.5 | 2375 | 22.51 | 22.64 |
| | | CA_42A-42A | Band 42 | 20M | 3500 | 42590 | QPSK | 1 | 0 | Band 42 | 5M | 3547.50 | 43065 | 22.24 | 22.30 |
| | Contiguous | CA_2C | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 2 | 20M | 1979.80 | 1098 | 22.78 | 22.91 |
| | | CA_7B | Band 7 | 15M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 5M | 2664.30 | 3193 | 22.48 | 22.64 |
| | | CA_66B | Band 66 | 15M | 1745 | 132322 | QPSK | 1 | 0 | Band 66 | 5M | 2164.30 | 66979 | 22.46 | 22.66 |
| | | CA_41C | Band 41 | 20M | 2593 | 40620 | QPSK | 1 | 0 | Band 41 | 20M | 2612.80 | 40818 | 22.71 | 22.79 |
| | | CA_42C | Band 42 | 20M | 3500 | 42590 | QPSK | 1 | 0 | Band 42 | 20M | 3519.80 | 42788 | 22.21 | 22.30 |

3CC

| Configure | CA Configuration (BCS) | PCC | | | | | | | SCC1 | | | | SCC2 | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LTE Band | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) |
| Inter-Band | CA_2A-4A-5A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 5 | 10M | 881.5 | 2525 | 22.81 | 22.91 |
| | CA_2A-4A-7A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 7 | 20M | 2655 | 3100 | 22.75 | 22.91 |
| | CA_2A-5A-7A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 5 | 10M | 881.5 | 2525 | Band 7 | 20M | 2655 | 3100 | 22.68 | 22.91 |
| | CA_2A-7A-7A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 5M | 2687.5 | 3425 | 22.76 | 22.91 |
| | CA_4A-7A-7A | Band 4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 5M | 2687.5 | 3425 | 22.51 | 22.64 |
| | CA_5A-66A-66A | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 66 | 5M | 2197.5 | 67311 | 22.34 | 22.44 |
| | CA_5A-66C | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 66 | 20M | 2155 | 66886 | Band 66 | 20M | 2174.8 | 67084 | 22.31 | 22.44 |
| | CA_5A-7A-66A | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 66 | 5M | 2197.5 | 67311 | 22.38 | 22.44 |
| | CA_5A-7C | Band 5 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 22.27 | 22.44 |
| | CA_7A-26A-66A | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 26 | 15M | 876.5 | 8865 | Band 66 | 5M | 2197.5 | 67311 | 22.51 | 22.64 |
| | CA_7C-66A | Band 7 | 20M | 2535 | 21100 | QPSK | 1 | 0 | Band 7 | 20M | 2674.8 | 3298 | Band 66 | 5M | 2197.5 | 67311 | 22.48 | 22.64 |

4CC

| Configure | CA Configuration (BCS) | PCC | | | | | | | SCC1 | | | | SCC2 | | | | SCC3 | | | | Power | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | LTE Band | BW (MHz) | UL Freq. (MHz) | UL Channel | Mod. | UL# RB | UL RB Offset | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | LTE Band | BW (MHz) | DL Freq. (MHz) | DL Channel | With CA Tx.Power (dBm) | W/O CA Tx.Power (dBm) |
| Inter-Band | CA_2A-4A-7C | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 4 | 20M | 2132.5 | 2175 | Band 7 | 20M | 2655 | 3100 | Band 7 | 20M | 2674.8 | 3298 | 22.78 | 22.91 |
| | CA_2A-7A-66A-66A | Band 2 | 20M | 1880 | 18900 | QPSK | 1 | 0 | Band 7 | 20M | 2655 | 3100 | Band 66 | 20M | 2155 | 66886 | Band 66 | 5M | 2197.5 | 67311 | 22.71 | 22.91 |

## Full & Default Power

### n2_Ant 0

| 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 | PI/2 BPSK | 1 | 1 | 22.89 | 22.90 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.85 | 22.82 | 22.72 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.82 | 22.77 | 22.72 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.31 | 22.35 | 22.19 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.80 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 22.20 | 22.23 | 22.01 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.25 | 22.33 | 22.17 | | |
| 20 | QPSK | 1 | 1 | 22.90 | 22.93 | 22.68 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.88 | 22.90 | 22.62 | | |
| 20 | QPSK | 1 | 104 | 22.69 | 22.88 | 22.64 | | |
| 20 | QPSK | 50 | 0 | 21.86 | 21.89 | 21.79 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.80 | 22.85 | 22.75 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.75 | 21.79 | 21.74 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.71 | 21.84 | 21.71 | | |
| 20 | 16QAM | 1 | 1 | 21.97 | 22.00 | 21.91 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.32 | 20.39 | 20.33 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.39 | 18.40 | 18.31 | 19.5 | 4.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.78 | 22.80 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.75 | 22.78 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.74 | 22.60 | 24.0 | 0.0 |

### n2_Ant 4

| 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 | PI/2 BPSK | 1 | 1 | 22.94 | 22.92 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.75 | 22.80 | 22.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.79 | 22.84 | 22.68 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.25 | 22.30 | 22.28 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.67 | 22.80 | 22.68 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 22.25 | 22.32 | 22.28 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.32 | 22.35 | 22.29 | | |
| 20 | QPSK | 1 | 1 | 22.85 | 22.95 | 22.61 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.73 | 22.85 | 22.68 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.90 | 22.64 | | |
| 20 | QPSK | 50 | 0 | 21.71 | 21.81 | 21.77 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.80 | 22.90 | 22.68 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.65 | 21.82 | 21.68 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.82 | 21.75 | | |
| 20 | 16QAM | 1 | 1 | 21.93 | 22.00 | 21.88 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.21 | 20.40 | 20.37 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.30 | 18.40 | 18.24 | 19.5 | 4.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.71 | 22.84 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.83 | 22.67 | 24.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.76 | 22.78 | 22.67 | 24.0 | 0.0 |

### n5_Ant 0

| 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 | | | | 166600 | 167300 | 167920 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.84 | 22.85 | 22.72 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.58 | 22.77 | 22.62 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.69 | 22.59 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.88 | 21.75 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.63 | 22.82 | 22.61 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 21.60 | 21.77 | 21.64 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.92 | 22.73 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.58 | 22.74 | 22.55 | | |
| 20 | QPSK | 1 | 104 | 22.50 | 22.64 | 22.60 | | |
| 20 | QPSK | 50 | 0 | 21.30 | 21.47 | 21.37 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.62 | 22.87 | 22.77 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.11 | 21.30 | 21.14 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | | |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.86 | 17.87 | 17.67 | 19.5 | 4.5 |
| Channel | | | | 165700 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.75 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 165500 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 832 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.59 | 22.86 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 830.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.68 | 24.0 | 0.0 |

### n5_Ant 4

| 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 | | | | 166600 | 167300 | 167920 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.67 | 22.88 | 22.84 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.79 | 22.84 | 22.66 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.64 | 22.80 | 22.77 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.52 | 22.05 | 21.86 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.75 | 22.95 | 22.88 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 21.66 | 21.85 | 21.80 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.94 | 22.02 | 21.97 | | |
| 20 | QPSK | 1 | 1 | 22.91 | 22.92 | 22.82 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.66 | 22.85 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.61 | 22.88 | 22.69 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.62 | 21.45 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.72 | 22.95 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.47 | 21.56 | 21.52 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.49 | 21.31 | | |
| 20 | 16QAM | 1 | 1 | 21.74 | 21.85 | 21.68 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.42 | 18.27 | 19.5 | 4.5 |
| Channel | | | | 165700 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.66 | 22.73 | 22.62 | 24.0 | 0.0 |
| Channel | | | | 165500 | 167300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 832 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.73 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 830.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.68 | 22.66 | 22.71 | 24.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency [MHz] | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.70 | 22.85 | 22.78 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.65 | 22.80 | 22.64 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.70 | 22.77 | 22.76 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.85 | 21.90 | 21.82 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.69 | 22.82 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.80 | 21.90 | 21.73 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.79 | 21.81 | 21.72 | | |
| 40 | QPSK | 1 | 1 | 22.84 | 22.90 | 22.90 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.69 | 22.75 | 22.69 | | |
| 40 | QPSK | 1 | 214 | 22.67 | 22.80 | 22.74 | | |
| 40 | QPSK | 108 | 0 | 21.35 | 21.50 | 21.34 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.64 | 22.80 | 22.68 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.33 | 21.48 | 21.32 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.41 | 21.42 | 21.32 | | |
| 40 | 16QAM | 1 | 1 | 21.70 | 21.85 | 21.71 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 19.69 | 20.05 | 19.95 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 4.5 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.63 | 22.89 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 22.78 | 22.79 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 22.76 | 22.75 | 22.64 | 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 | 22.68 | 22.83 | 22.66 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 22.68 | 22.74 | 22.63 | 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 | 22.69 | 22.78 | 22.64 | 24.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency [MHz] | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.78 | 22.92 | 22.69 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.72 | 22.88 | 22.74 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.75 | 22.82 | 22.79 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.92 | 21.98 | 21.82 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.75 | 22.86 | 22.70 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.74 | 21.92 | 21.75 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.84 | 21.84 | 21.66 | | |
| 40 | QPSK | 1 | 1 | 22.87 | 22.95 | 22.69 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.74 | 22.89 | 22.87 | | |
| 40 | QPSK | 1 | 214 | 22.73 | 22.90 | 22.71 | | |
| 40 | QPSK | 108 | 0 | 21.42 | 21.59 | 21.45 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.81 | 22.93 | 22.81 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.53 | 21.63 | 21.55 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.38 | 21.57 | 21.49 | | |
| 40 | 16QAM | 1 | 1 | 21.89 | 21.97 | 21.85 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.07 | 20.20 | 20.09 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.07 | 18.16 | 18.16 | 19.5 | 4.5 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.78 | 22.74 | 22.61 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2513.5 | 2535 | 2556.5 | | |
| 25 | QPSK | 1 | 1 | 22.80 | 22.77 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 22.71 | 22.90 | 22.74 | 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 | 22.80 | 22.82 | 22.72 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 22.78 | 22.74 | 22.64 | 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 | 22.68 | 22.81 | 22.74 | 24.0 | 0.0 |

## n26_Ant 0

| 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 | | | | 164850 | 166500 | 167920 | | |
| Frequency [MHz] | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.92 | 22.88 | 22.70 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.88 | 22.82 | 22.79 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.89 | 22.80 | 22.63 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.72 | 21.80 | 21.79 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.77 | 22.77 | 22.66 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.00 | 22.13 | 22.12 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.06 | 22.10 | 21.96 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.93 | 22.72 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.84 | 22.87 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.84 | 22.64 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.15 | 22.07 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.70 | 22.80 | 22.63 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.66 | 21.70 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.73 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.97 | 22.02 | 22.05 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.03 | 20.15 | 19.98 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.02 | 18.17 | 18.11 | 19.5 | 4.5 |
| Channel | | | | 164150 | 166500 | 168850 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.63 | 22.86 | 22.53 | 24.0 | 0.0 |
| Channel | | | | 163850 | 166500 | 169150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.54 | 22.80 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.53 | 24.0 | 0.0 |

## n26_Ant 4

| 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 | | | | 164850 | 166500 | 167920 | | |
| Frequency [MHz] | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.60 | 22.77 | 22.62 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.75 | 22.75 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.66 | 22.79 | 22.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.19 | 22.36 | 22.22 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.80 | 22.81 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.08 | 22.24 | 22.20 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.02 | 22.26 | 22.07 | | |
| 20 | QPSK | 1 | 1 | 22.84 | 22.94 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.75 | 22.88 | 22.75 | | |
| 20 | QPSK | 1 | 104 | 22.77 | 22.90 | 22.85 | | |
| 20 | QPSK | 50 | 0 | 21.68 | 21.80 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.70 | 22.85 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.75 | 21.75 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.61 | 21.80 | 21.67 | | |
| 20 | 16QAM | 1 | 1 | 21.91 | 22.02 | 22.02 | 23.5 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.36 | 20.45 | 20.43 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.54 | 18.55 | 18.41 | 19.5 | 4.5 |
| Channel | | | | 164500 | 166500 | 168500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.68 | 22.80 | 22.62 | 24.0 | 0.0 |
| Channel | | | | 163850 | 166500 | 169150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.66 | 22.91 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 163300 | 166300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.66 | 22.90 | 22.88 | 24.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 349500 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.69 | 22.80 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.58 | 22.77 | 22.59 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.62 | 22.70 | 22.59 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.98 | 22.02 | 21.97 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.39 | 22.50 | 22.32 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.91 | 22.10 | 22.00 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.93 | 22.10 | 22.05 | | |
| 40 | QPSK | 1 | 1 | 22.80 | 22.85 | 22.83 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.57 | 22.75 | 22.63 | | |
| 40 | QPSK | 1 | 214 | 22.55 | 22.67 | 22.61 | | |
| 40 | QPSK | 108 | 0 | 21.45 | 21.62 | 21.58 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.46 | 22.55 | 22.47 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.61 | 21.79 | 21.52 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.55 | 21.68 | 21.50 | | |
| 40 | 16QAM | 1 | 1 | 21.78 | 21.81 | 21.66 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.08 | 20.12 | 20.07 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 17.91 | 18.08 | 18.07 | 19.5 | 4.5 |
| Channel | | | | 349500 | 349000 | 352000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 30 | QPSK | 1 | 1 | 22.73 | 22.75 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 348500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1729 | 1745 | 1779 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.83 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 348000 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1727.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.76 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 347500 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.64 | 22.80 | 22.65 | 24.0 | 0.0 |
| Channel | | | | 347000 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.81 | 22.76 | 24.0 | 0.0 |

## n66_Ant 4

| 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 | | | | 349500 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.75 | 22.78 | 22.76 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.63 | 22.75 | 22.68 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.57 | 22.70 | 22.67 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.28 | 22.35 | 22.30 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.72 | 22.81 | 22.62 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.49 | 22.60 | 22.55 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.59 | 21.50 | 21.61 | | |
| 40 | QPSK | 1 | 1 | 22.92 | 22.90 | 22.73 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.84 | 22.85 | 22.92 | | |
| 40 | QPSK | 1 | 214 | 22.70 | 22.82 | 22.73 | | |
| 40 | QPSK | 108 | 0 | 21.63 | 21.82 | 21.62 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.71 | 22.85 | 22.78 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.06 | 22.10 | 22.06 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.59 | 21.70 | 21.67 | | |
| 40 | 16QAM | 1 | 1 | 21.97 | 22.00 | 21.94 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.38 | 20.46 | 20.36 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.59 | 18.68 | 18.60 | 19.5 | 4.5 |
| Channel | | | | 349500 | 349000 | 352000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 30 | QPSK | 1 | 1 | 22.73 | 22.86 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 348500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1729 | 1745 | 1779 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.80 | 22.58 | 24.0 | 0.0 |
| Channel | | | | 348000 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1727.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.81 | 22.73 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 347500 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.73 | 22.72 | 22.65 | 24.0 | 0.0 |
| Channel | | | | 347000 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.82 | 22.80 | 22.65 | 24.0 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.68 | 22.77 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 22.63 | 22.76 | 22.61 | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.88 | 22.81 | 22.80 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.10 | 22.25 | 22.19 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 22.76 | 22.82 | 22.70 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.21 | 22.40 | 22.32 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.18 | 22.35 | 22.34 | | |
| 40 | QPSK | 1 | 1 | 22.83 | 22.89 | 22.76 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 22.79 | 22.81 | 22.77 | | |
| 40 | QPSK | 1 | 104 | 22.82 | 22.88 | 22.79 | | |
| 40 | QPSK | 50 | 0 | 22.10 | 22.05 | 22.02 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 22.62 | 22.80 | 22.76 | | |
| 40 | QPSK | 50 | 56 | 22.04 | 22.15 | 22.04 | | |
| 40 | QPSK | 100 | 0 | 21.71 | 21.85 | 21.69 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.71 | 21.86 | 21.73 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.12 | 20.31 | 20.12 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.08 | 18.22 | 18.13 | 19.5 | 4.5 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 22.77 | 22.79 | 22.62 | 24.0 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 22.70 | 22.87 | 22.76 | 24.0 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.75 | 22.88 | 22.70 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.66 | 22.82 | 22.75 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.81 | 22.86 | 22.80 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.32 | 22.35 | 22.31 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.87 | 22.88 | 22.76 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.30 | 22.40 | 22.37 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.29 | 22.30 | 22.13 | | |
| 100 | QPSK | 1 | 1 | 22.82 | 22.90 | 22.85 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.78 | 22.85 | 22.85 | | |
| 100 | QPSK | 1 | 271 | 22.74 | 22.88 | 22.88 | | |
| 100 | QPSK | 135 | 0 | 22.00 | 22.10 | 22.00 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.75 | 22.87 | 22.77 | | |
| 100 | QPSK | 135 | 138 | 22.05 | 22.12 | 22.07 | | |
| 100 | QPSK | 270 | 0 | 21.81 | 21.89 | 21.86 | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.05 | 22.15 | 22.01 | 23.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.12 | 20.25 | 20.24 | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.12 | 18.23 | 18.16 | 19.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.63 | 22.77 | 22.67 | 24.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.79 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 22.66 | 22.78 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.77 | 22.85 | 22.76 | 24.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.73 | 22.72 | 22.72 | 24.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.79 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.75 | 22.82 | 24.0 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.78 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.82 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.77 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.71 | | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.79 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.71 | | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.67 | | | |
| 100 | QPSK | 1 | 1 | | 22.85 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.80 | | | |
| 100 | QPSK | 1 | 271 | | 22.81 | | | |
| 100 | QPSK | 135 | 0 | | 21.58 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.74 | | | |
| 100 | QPSK | 135 | 138 | | 21.67 | | | |
| 100 | QPSK | 270 | 0 | | 21.04 | | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 21.13 | | 23.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 19.71 | | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 17.73 | | 19.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.82 | 22.83 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.75 | 22.69 | 22.81 | 24.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.75 | 22.73 | 22.83 | 24.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.66 | 22.77 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.76 | 22.71 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.76 | 22.75 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.75 | 22.83 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.80 | 22.72 | 22.70 | 24.0 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.77 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.75 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.72 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.50 | | 23.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.66 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.07 | | 23.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.09 | | | |
| 100 | QPSK | 1 | 1 | | 22.79 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.72 | | | |
| 100 | QPSK | 1 | 271 | | 22.19 | | | |
| 100 | QPSK | 135 | 0 | | 20.68 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.58 | | | |
| 100 | QPSK | 135 | 138 | | 20.60 | | | |
| 100 | QPSK | 270 | 0 | | 20.55 | | 22.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 20.52 | | 22.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 19.53 | | 21.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 17.09 | | 19.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.68 | 22.73 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.61 | 22.76 | 22.75 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.62 | 22.61 | 22.70 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.63 | 22.72 | 22.76 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.78 | 22.66 | 22.68 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.68 | 22.72 | 22.72 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.63 | 22.72 | 23.5 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.81 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.80 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.83 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.24 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.78 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.27 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.15 | | | |
| 100 | QPSK | 1 | 1 | | 21.90 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.81 | | | |
| 100 | QPSK | 1 | 271 | | 21.74 | | | |
| 100 | QPSK | 135 | 0 | | 19.67 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.69 | | | |
| 100 | QPSK | 135 | 138 | | 19.72 | | | |
| 100 | QPSK | 270 | 0 | | 19.68 | | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 19.66 | | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 16.22 | | 18.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.88 | 21.83 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.83 | 21.82 | 21.88 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.82 | 21.84 | 21.74 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.78 | 21.88 | 21.87 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.71 | 21.82 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.83 | 21.71 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.88 | 21.83 | 21.87 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.71 | 21.75 | 21.71 | 22.5 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.53 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.31 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.06 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.09 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.02 | | | |
| 100 | QPSK | 1 | 1 | | 21.67 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.65 | | | |
| 100 | QPSK | 1 | 271 | | 20.93 | | | |
| 100 | QPSK | 135 | 0 | | 19.61 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.52 | | | |
| 100 | QPSK | 135 | 138 | | 19.57 | | | |
| 100 | QPSK | 270 | 0 | | 19.57 | | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 19.55 | | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 18.06 | | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 16.00 | | 18.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.57 | 21.55 | 21.60 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.58 | 21.53 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.58 | 21.60 | 21.57 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.60 | 21.48 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.49 | 21.55 | 21.65 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.65 | 21.60 | 21.59 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.48 | 21.56 | 21.48 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.57 | 21.60 | 21.63 | 22.5 | 0.0 |

## Reduced Power for DSI 2

### n2_Ant 0

| 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) | | | | 1880 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.69 | 22.90 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.65 | 22.82 | 22.72 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.77 | 22.72 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.31 | 22.35 | 22.19 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.93 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 22.25 | 22.20 | 22.01 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.25 | 22.33 | 22.17 | | |
| 20 | QPSK | 1 | 1 | 22.90 | 22.93 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.88 | 22.90 | 22.82 | | |
| 20 | QPSK | 1 | 104 | 22.69 | 22.88 | 22.84 | | |
| 20 | QPSK | 50 | 0 | 21.86 | 21.89 | 21.79 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.89 | 22.85 | 22.75 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 21.75 | 21.79 | 21.74 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.71 | 21.84 | 21.71 | | |
| 20 | 16QAM | 1 | 1 | 21.97 | 22.00 | 21.91 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.32 | 20.39 | 20.33 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.39 | 18.40 | 18.31 | 19.5 | 4.5 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1877.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 22.78 | 22.90 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1875 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.75 | 22.78 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1872.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.74 | 22.60 | 24.0 | 0.0 |

### n2_Ant 4

| 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) | | | | 1880 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.24 | 16.38 | 16.39 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.27 | 16.32 | 16.29 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.22 | 16.45 | 16.30 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.32 | 16.36 | 16.30 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.23 | 16.34 | 16.28 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 16.18 | 16.37 | 16.29 | 17.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.24 | 16.31 | 16.34 | | |
| 20 | QPSK | 1 | 1 | 16.33 | 16.45 | 16.41 | 17.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.20 | 16.32 | 16.26 | | |
| 20 | QPSK | 1 | 104 | 16.21 | 16.32 | 16.37 | | |
| 20 | QPSK | 50 | 0 | 16.18 | 16.34 | 16.32 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.31 | 16.41 | 16.38 | 17.5 | 0.0 |
| 20 | QPSK | 50 | 55 | 16.27 | 16.32 | 16.26 | 17.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.18 | 16.32 | 16.24 | | |
| 20 | 16QAM | 1 | 1 | 16.17 | 16.21 | 16.37 | 17.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.26 | 16.31 | 16.36 | 17.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.29 | 16.35 | 16.25 | 17.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1877.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 16.21 | 16.29 | 16.35 | 17.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1875 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 16.18 | 16.30 | 16.36 | 17.5 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1872.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 16.16 | 16.24 | 16.33 | 17.5 | 0.0 |

### n5_Ant 0

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.84 | 22.45 | 22.72 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.59 | 22.77 | 22.62 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.69 | 22.59 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.63 | 21.89 | 21.75 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.63 | 22.82 | 22.81 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 21.65 | 21.77 | 21.64 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.52 | 22.73 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.58 | 22.74 | 22.55 | | |
| 20 | QPSK | 1 | 104 | 22.50 | 22.64 | 22.60 | | |
| 20 | QPSK | 50 | 0 | 21.36 | 21.47 | 21.37 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.52 | 22.67 | 22.77 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 21.11 | 21.35 | 21.14 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | | |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.86 | 17.87 | 17.87 | 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 | 22.61 | 22.75 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 166000 | 167300 | 168600 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.59 | 22.66 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 165750 | 167300 | 168850 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.68 | 24.0 | 0.0 |

### n5_Ant 4

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.51 | 21.74 | 21.61 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.51 | 21.68 | 21.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.51 | 21.77 | 21.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.54 | 21.77 | 21.55 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.52 | 21.74 | 21.52 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 21.51 | 21.74 | 21.58 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.53 | 21.70 | 21.60 | | |
| 20 | QPSK | 1 | 1 | 21.68 | 21.82 | 21.70 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.68 | 21.74 | 21.67 | | |
| 20 | QPSK | 1 | 104 | 21.62 | 21.79 | 21.61 | | |
| 20 | QPSK | 50 | 0 | 21.44 | 21.69 | 21.47 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.54 | 21.79 | 21.62 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 21.41 | 21.65 | 21.46 | 23.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.79 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.52 | 21.67 | 21.53 | 23.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 1.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.42 | 18.27 | 19.5 | 3.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.53 | 21.71 | 21.51 | 23.0 | 0.0 |
| Channel | | | | 166000 | 167300 | 168600 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.54 | 21.75 | 21.51 | 23.0 | 0.0 |
| Channel | | | | 165750 | 167300 | 168850 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.52 | 21.69 | 21.54 | 23.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | Pi/2 BPSK | 1 | 1 | 22.70 | 22.85 | 22.76 | 24.0 | 0.0 |
| 40 | Pi/2 BPSK | 1 | 108 | 22.65 | 22.80 | 22.64 | | |
| 40 | Pi/2 BPSK | 1 | 214 | 22.70 | 22.77 | 22.76 | | |
| 40 | Pi/2 BPSK | 108 | 0 | 21.85 | 21.90 | 21.82 | 23.5 | 0.5 |
| 40 | Pi/2 BPSK | 108 | 54 | 22.69 | 22.82 | 22.66 | 24.0 | 0.0 |
| 40 | Pi/2 BPSK | 108 | 108 | 21.80 | 21.90 | 21.73 | 23.5 | 0.5 |
| 40 | Pi/2 BPSK | 216 | 0 | 21.79 | 21.81 | 21.72 | | |
| 40 | QPSK | 1 | 1 | 22.84 | 22.90 | 22.80 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.69 | 22.75 | 22.69 | | |
| 40 | QPSK | 1 | 214 | 22.67 | 22.80 | 22.74 | | |
| 40 | QPSK | 108 | 0 | 21.35 | 21.50 | 21.34 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.64 | 22.80 | 22.69 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.33 | 21.48 | 21.32 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.41 | 21.42 | 21.32 | | |
| 40 | 16QAM | 1 | 1 | 21.70 | 21.85 | 21.71 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 19.89 | 20.05 | 19.90 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 4.5 |
| Channel | | | | 505000 | 507500 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2532.5 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.83 | 22.89 | 22.74 | 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 | 22.78 | 22.79 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 22.76 | 22.75 | 22.64 | 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 | 22.68 | 22.83 | 22.66 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 22.68 | 22.74 | 22.63 | 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 | 22.69 | 22.78 | 22.64 | 24.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | Pi/2 BPSK | 1 | 1 | 13.23 | 13.29 | 13.35 | 14.5 | 0.0 |
| 40 | Pi/2 BPSK | 1 | 108 | 13.26 | 13.36 | 13.23 | | |
| 40 | Pi/2 BPSK | 1 | 214 | 13.22 | 13.39 | 13.30 | | |
| 40 | Pi/2 BPSK | 108 | 0 | 13.18 | 13.38 | 13.32 | 14.5 | 0.0 |
| 40 | Pi/2 BPSK | 108 | 54 | 13.23 | 13.32 | 13.36 | 14.5 | 0.0 |
| 40 | Pi/2 BPSK | 108 | 108 | 13.22 | 13.33 | 13.35 | 14.5 | 0.0 |
| 40 | Pi/2 BPSK | 216 | 0 | 13.30 | 13.27 | 13.35 | | |
| 40 | QPSK | 1 | 1 | 13.32 | 13.41 | 13.38 | 14.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 13.29 | 13.32 | 13.31 | | |
| 40 | QPSK | 1 | 214 | 13.28 | 13.33 | 13.37 | | |
| 40 | QPSK | 108 | 0 | 13.11 | 13.28 | 13.18 | 14.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 13.26 | 13.37 | 13.28 | 14.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 13.22 | 13.35 | 13.17 | 14.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 13.15 | 13.34 | 13.17 | | |
| 40 | 16QAM | 1 | 1 | 13.25 | 13.33 | 13.23 | 14.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 13.12 | 13.30 | 13.14 | 14.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 13.25 | 13.38 | 13.23 | 14.5 | 0.0 |
| Channel | | | | 505000 | 507500 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2532.5 | 2555 | | |
| 30 | QPSK | 1 | 1 | 13.15 | 13.30 | 13.20 | 14.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 13.13 | 13.27 | 13.13 | 14.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 1 | 13.24 | 13.24 | 13.23 | 14.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 13.11 | 13.36 | 13.24 | 14.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 13.14 | 13.24 | 13.25 | 14.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 13.20 | 13.28 | 13.24 | 14.5 | 0.0 |

## n26_Ant 0

| 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 | | | | 164850 | 166500 | 167950 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | Pi/2 BPSK | 1 | 1 | 22.82 | 22.88 | 22.70 | 24.0 | 0.0 |
| 20 | Pi/2 BPSK | 1 | 53 | 22.69 | 22.82 | 22.79 | | |
| 20 | Pi/2 BPSK | 1 | 104 | 22.69 | 22.80 | 22.63 | | |
| 20 | Pi/2 BPSK | 50 | 0 | 21.72 | 21.80 | 21.75 | 23.5 | 0.5 |
| 20 | Pi/2 BPSK | 50 | 28 | 22.77 | 22.77 | 22.68 | 24.0 | 0.0 |
| 20 | Pi/2 BPSK | 50 | 56 | 22.66 | 22.13 | 22.12 | 23.5 | 0.5 |
| 20 | Pi/2 BPSK | 100 | 0 | 22.56 | 22.10 | 21.96 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.93 | 22.72 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.84 | 22.87 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.84 | 22.84 | | |
| 20 | QPSK | 50 | 0 | 22.14 | 22.15 | 22.07 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.70 | 22.80 | 22.63 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.66 | 21.70 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.73 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.87 | 22.02 | 22.00 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.03 | 20.15 | 19.98 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.02 | 18.17 | 18.11 | 19.5 | 4.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.85 | 22.90 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.54 | 22.80 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 163500 | 166300 | 169100 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 818.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.53 | 24.0 | 0.0 |

## n26_Ant 4

| 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 | | | | 164850 | 166500 | 167950 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | Pi/2 BPSK | 1 | 1 | 21.68 | 21.76 | 21.80 | 23.0 | 0.0 |
| 20 | Pi/2 BPSK | 1 | 53 | 21.61 | 21.81 | 21.68 | | |
| 20 | Pi/2 BPSK | 1 | 104 | 21.74 | 21.80 | 21.69 | | |
| 20 | Pi/2 BPSK | 50 | 0 | 21.03 | 21.81 | 21.78 | 23.0 | 0.0 |
| 20 | Pi/2 BPSK | 50 | 28 | 21.65 | 21.78 | 21.80 | 23.0 | 0.0 |
| 20 | Pi/2 BPSK | 50 | 56 | 21.64 | 21.88 | 21.74 | 23.0 | 0.0 |
| 20 | Pi/2 BPSK | 100 | 0 | 21.65 | 21.79 | 21.77 | | |
| 20 | QPSK | 1 | 1 | 21.76 | 21.90 | 21.83 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.70 | 21.86 | 21.73 | | |
| 20 | QPSK | 1 | 104 | 21.64 | 21.77 | 21.64 | | |
| 20 | QPSK | 50 | 0 | 21.00 | 21.77 | 21.65 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.72 | 21.89 | 21.78 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.67 | 21.87 | 21.65 | 23.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.60 | 21.77 | 21.73 | | |
| 20 | 16QAM | 1 | 1 | 21.67 | 21.77 | 21.82 | 23.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.30 | 20.33 | 20.30 | 21.5 | 1.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.53 | 18.38 | 19.5 | 3.5 |
| Channel | | | | 164300 | 166300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.64 | 21.88 | 21.72 | 23.0 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.72 | 21.85 | 21.82 | 23.0 | 0.0 |
| Channel | | | | 163500 | 166300 | 169100 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 818.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.66 | 21.76 | 21.68 | 23.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.69 | 22.80 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.59 | 22.77 | 22.59 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.62 | 22.70 | 22.59 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.98 | 22.02 | 21.97 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.39 | 22.53 | 22.32 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.91 | 22.10 | 22.00 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.93 | 22.10 | 22.05 | | |
| 40 | QPSK | 1 | 1 | 22.46 | 22.51 | 22.63 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.57 | 22.75 | 22.63 | | |
| 40 | QPSK | 1 | 214 | 22.55 | 22.67 | 22.61 | | |
| 40 | QPSK | 108 | 0 | 21.45 | 21.60 | 21.58 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.46 | 22.58 | 22.47 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.61 | 21.70 | 21.52 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.59 | 21.68 | 21.50 | | |
| 40 | 16QAM | 1 | 1 | 21.78 | 21.81 | 21.66 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.08 | 20.12 | 20.07 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 17.91 | 18.09 | 18.07 | 19.5 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.73 | 22.75 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.83 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349500 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1747.5 | 1777.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.76 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.64 | 22.80 | 22.65 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.81 | 22.76 | 24.0 | 0.0 |

## n66_Ant 4

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1732 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.84 | 16.74 | 16.75 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 16.73 | 16.80 | 16.75 | | |
| 40 | PI/2 BPSK | 1 | 214 | 16.81 | 16.79 | 16.81 | | |
| 40 | PI/2 BPSK | 108 | 0 | 16.76 | 16.84 | 16.69 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 16.81 | 16.80 | 16.80 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 16.76 | 16.83 | 16.77 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 16.79 | 16.86 | 16.75 | | |
| 40 | QPSK | 1 | 1 | 16.85 | 16.88 | 16.82 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 16.73 | 16.74 | 16.75 | | |
| 40 | QPSK | 1 | 214 | 16.81 | 16.83 | 16.68 | | |
| 40 | QPSK | 108 | 0 | 16.59 | 16.77 | 16.62 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 16.72 | 16.79 | 16.69 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 16.63 | 16.80 | 16.68 | 18.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 16.59 | 16.87 | 16.64 | | |
| 40 | 16QAM | 1 | 1 | 16.68 | 16.74 | 16.68 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 16.70 | 16.75 | 16.65 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.64 | 16.74 | 16.64 | 18.0 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 16.64 | 16.70 | 16.60 | 18.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 16.62 | 16.67 | 16.71 | 18.0 | 0.0 |
| Channel | | | | 343500 | 349500 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1747.5 | 1777.5 | | |
| 15 | QPSK | 1 | 1 | 16.71 | 16.72 | 16.59 | 18.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 16.69 | 16.73 | 16.63 | 18.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 16.72 | 16.65 | 16.68 | 18.0 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 12.85 | 12.94 | 12.83 | 14.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 12.80 | 12.93 | 12.78 | | |
| 40 | PI/2 BPSK | 1 | 104 | 13.05 | 13.08 | 12.97 | | |
| 40 | PI/2 BPSK | 50 | 0 | 12.72 | 12.87 | 12.81 | 14.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 12.93 | 12.99 | 12.87 | 14.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 12.83 | 13.02 | 12.94 | 14.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 12.80 | 12.97 | 12.96 | | |
| 40 | QPSK | 1 | 1 | 13.03 | 13.09 | 13.05 | 14.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 12.96 | 12.98 | 12.94 | | |
| 40 | QPSK | 1 | 104 | 12.99 | 13.07 | 12.96 | | |
| 40 | QPSK | 50 | 0 | 12.72 | 12.67 | 12.64 | 14.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 12.79 | 12.97 | 12.93 | | |
| 40 | QPSK | 50 | 56 | 12.66 | 12.77 | 12.66 | | |
| 40 | QPSK | 100 | 0 | 12.90 | 13.01 | 12.84 | 14.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 12.87 | 12.93 | 12.81 | 14.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 12.99 | 13.06 | 13.03 | 14.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 13.01 | 13.05 | 12.92 | 14.5 | 0.0 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 12.88 | 13.00 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 12.90 | 13.00 | 12.90 | 14.5 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 12.92 | 13.01 | 12.90 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 12.87 | 13.00 | 12.85 | | |
| 100 | PI/2 BPSK | 1 | 271 | 13.12 | 13.15 | 13.04 | | |
| 100 | PI/2 BPSK | 135 | 0 | 12.79 | 12.94 | 12.88 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 13.00 | 13.06 | 12.94 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 12.90 | 13.09 | 13.01 | 14.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 12.87 | 13.04 | 13.03 | | |
| 100 | QPSK | 1 | 1 | 13.10 | 13.16 | 13.12 | 14.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 13.03 | 13.05 | 13.01 | | |
| 100 | QPSK | 1 | 271 | 13.06 | 13.14 | 13.03 | | |
| 100 | QPSK | 135 | 0 | 12.79 | 12.74 | 12.71 | 14.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 12.86 | 13.04 | 13.00 | | |
| 100 | QPSK | 135 | 138 | 12.73 | 12.84 | 12.73 | | |
| 100 | QPSK | 270 | 0 | 12.97 | 13.02 | 12.91 | 14.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 12.94 | 13.00 | 12.88 | 14.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 13.06 | 13.13 | 13.10 | 14.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 13.06 | 13.12 | 12.99 | 14.5 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 12.96 | 12.94 | 12.97 | 14.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 12.91 | 13.00 | 12.92 | 14.5 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 12.89 | 12.95 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 12.88 | 12.95 | 12.95 | 14.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 12.88 | 12.97 | 12.98 | 14.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 12.88 | 12.98 | 12.93 | 14.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 12.89 | 12.97 | 12.98 | 14.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 12.96 | 12.96 | 12.91 | 14.5 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 12.53 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 12.56 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 12.55 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 12.54 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 12.54 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 12.53 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 12.58 | | | |
| 100 | QPSK | 1 | 1 | | 12.66 | | 13.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 12.56 | | | |
| 100 | QPSK | 1 | 271 | | 12.56 | | | |
| 100 | QPSK | 135 | 0 | | 12.54 | | 13.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 12.63 | | | |
| 100 | QPSK | 135 | 138 | | 12.56 | | | |
| 100 | QPSK | 270 | 0 | | 12.61 | | 13.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 12.54 | | 13.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 12.56 | | 13.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 12.56 | | 13.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 12.59 | 12.51 | 12.50 | 13.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 12.55 | 12.52 | 12.49 | 13.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 12.59 | 12.54 | 12.54 | 13.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 12.56 | 12.53 | 12.56 | 13.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 12.56 | 12.56 | 12.52 | 13.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 12.58 | 12.53 | 12.57 | 13.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 12.58 | 12.56 | 12.50 | 13.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 12.52 | 12.55 | 12.54 | 13.5 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.77 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.75 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.72 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.50 | | 23.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.66 | | 23.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.07 | | 23.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.09 | | | |
| 100 | QPSK | 1 | 1 | | 22.79 | | 23.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.72 | | | |
| 100 | QPSK | 1 | 271 | | 22.19 | | | |
| 100 | QPSK | 135 | 0 | | 20.68 | | 23.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.58 | | | |
| 100 | QPSK | 135 | 138 | | 20.60 | | | |
| 100 | QPSK | 270 | 0 | | 20.55 | | 22.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 20.52 | | 22.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 19.53 | | 21.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 17.09 | | 19.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.68 | 22.73 | 22.65 | 23.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.61 | 22.76 | 22.75 | 23.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.62 | 22.61 | 22.70 | 23.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.63 | 22.72 | 22.76 | 23.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.78 | 22.66 | 22.68 | 23.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.68 | 22.72 | 22.72 | 23.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.61 | 23.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.63 | 22.72 | 23.5 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.81 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.80 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.83 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.24 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.78 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.27 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.15 | | | |
| 100 | QPSK | 1 | 1 | | 21.90 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.81 | | | |
| 100 | QPSK | 1 | 271 | | 21.74 | | | |
| 100 | QPSK | 135 | 0 | | 19.67 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.69 | | | |
| 100 | QPSK | 135 | 138 | | 19.72 | | | |
| 100 | QPSK | 270 | 0 | | 19.68 | | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 19.66 | | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 16.22 | | 18.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.88 | 21.83 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.83 | 21.82 | 21.88 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.82 | 21.84 | 21.74 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.78 | 21.88 | 21.87 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.71 | 21.82 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.83 | 21.71 | 21.89 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.88 | 21.83 | 21.87 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.71 | 21.75 | 21.71 | 22.5 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.53 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.31 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.06 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.09 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.02 | | | |
| 100 | QPSK | 1 | 1 | | 21.67 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.65 | | | |
| 100 | QPSK | 1 | 271 | | 20.93 | | | |
| 100 | QPSK | 135 | 0 | | 19.61 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.52 | | | |
| 100 | QPSK | 135 | 138 | | 19.57 | | | |
| 100 | QPSK | 270 | 0 | | 19.57 | | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 19.55 | | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 18.06 | | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 16.00 | | 18.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.57 | 21.55 | 21.60 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.58 | 21.53 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.58 | 21.60 | 21.57 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.60 | 21.48 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.49 | 21.55 | 21.65 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.65 | 21.60 | 21.59 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.48 | 21.56 | 21.48 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.57 | 21.60 | 21.63 | 22.5 | 0.0 |

## Reduced Power for DSI 3

### n2_Ant 0

| 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 | PI/2 BPSK | 1 | 1 | 16.77 | 16.77 | 16.73 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 16.73 | 16.84 | 16.79 | | |
| 20 | PI/2 BPSK | 1 | 104 | 16.67 | 16.83 | 16.70 | | |
| 20 | PI/2 BPSK | 50 | 0 | 16.68 | 16.77 | 16.62 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 16.70 | 16.80 | 16.60 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 16.70 | 16.80 | 16.70 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 16.68 | 16.89 | 16.70 | | |
| 20 | QPSK | 1 | 1 | 16.60 | 16.92 | 16.65 | 18.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 16.69 | 16.78 | 16.64 | | |
| 20 | QPSK | 1 | 104 | 16.65 | 16.82 | 16.61 | | |
| 20 | QPSK | 50 | 0 | 16.61 | 16.79 | 16.74 | 18.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 16.73 | 16.90 | 16.62 | 18.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 16.60 | 16.83 | 16.61 | 18.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 16.72 | 16.75 | 16.71 | | |
| 20 | 16QAM | 1 | 1 | 16.68 | 16.78 | 16.69 | 18.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 16.64 | 16.88 | 16.61 | 18.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 16.58 | 16.88 | 16.66 | 18.0 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 16.79 | 16.91 | 16.76 | 18.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 16.79 | 16.91 | 16.76 | 18.0 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 16.71 | 16.80 | 16.76 | 18.0 | 0.0 |

### n2_Ant 4

| 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 | PI/2 BPSK | 1 | 1 | 18.08 | 18.28 | 18.23 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 18.11 | 18.21 | 18.10 | | |
| 20 | PI/2 BPSK | 1 | 104 | 18.09 | 18.31 | 18.23 | | |
| 20 | PI/2 BPSK | 50 | 0 | 18.16 | 18.32 | 18.18 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 18.22 | 18.33 | 18.23 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 18.08 | 18.28 | 18.10 | 19.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 18.11 | 18.32 | 18.15 | | |
| 20 | QPSK | 1 | 1 | 18.23 | 18.35 | 18.24 | 19.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 18.18 | 18.21 | 18.12 | | |
| 20 | QPSK | 1 | 104 | 18.21 | 18.21 | 18.09 | | |
| 20 | QPSK | 50 | 0 | 18.07 | 18.23 | 18.21 | 19.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 18.14 | 18.28 | 18.22 | 19.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 18.02 | 18.16 | 18.07 | 19.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 18.07 | 18.17 | 18.08 | | |
| 20 | 16QAM | 1 | 1 | 18.02 | 18.16 | 18.14 | 19.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 18.13 | 18.14 | 18.13 | 19.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.05 | 18.26 | 18.08 | 19.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 18.00 | 18.23 | 18.18 | 19.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 18.10 | 18.23 | 18.13 | 19.5 | 0.0 |
| Channel | | | | 370500 | 376000 | 381500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 18.07 | 18.14 | 18.09 | 19.5 | 0.0 |

### n5_Ant 0

| 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) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.34 | 22.35 | 22.22 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.09 | 22.27 | 22.12 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.12 | 22.19 | 22.09 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.63 | 21.89 | 21.75 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.13 | 22.32 | 22.31 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.65 | 21.77 | 21.64 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.42 | 22.23 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.08 | 22.24 | 22.05 | | |
| 20 | QPSK | 1 | 104 | 22.00 | 22.14 | 22.10 | | |
| 20 | QPSK | 50 | 0 | 21.36 | 21.47 | 21.37 | 23.0 | 0.5 |
| 20 | QPSK | 50 | 28 | 22.32 | 22.37 | 22.27 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.11 | 21.30 | 21.14 | 23.0 | 0.5 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | | |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 0.5 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.0 |
| 20 | 256QAM | 1 | 1 | 17.96 | 17.97 | 17.87 | 19.5 | 4.0 |
| Channel | | | | 166500 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.11 | 22.25 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.09 | 22.35 | 22.18 | 23.5 | 0.0 |
| Channel | | | | 165500 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.17 | 22.28 | 22.16 | 23.5 | 0.0 |

### n5_Ant 4

| 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) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.67 | 22.88 | 22.84 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.79 | 22.94 | 22.66 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.64 | 22.80 | 22.77 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.92 | 22.05 | 21.90 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.90 | 22.88 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.90 | 21.95 | 21.90 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.94 | 22.02 | 21.97 | | |
| 20 | QPSK | 1 | 1 | 22.91 | 22.92 | 22.82 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.68 | 22.85 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.61 | 22.88 | 22.60 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.52 | 21.45 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.72 | 22.91 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.47 | 21.56 | 21.52 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.45 | 21.31 | | |
| 20 | 16QAM | 1 | 1 | 21.74 | 21.85 | 21.68 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.42 | 18.42 | 18.27 | 19.5 | 4.5 |
| Channel | | | | 166500 | 167300 | 168300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.86 | 22.77 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.73 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 165500 | 167300 | 169300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.88 | 22.88 | 22.71 | 24.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2500 | 2530 | 2560 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.65 | 18.77 | 18.73 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 18.61 | 18.73 | 18.73 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.60 | 18.73 | 18.74 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.55 | 18.68 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.66 | 18.71 | 18.64 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.56 | 18.79 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.68 | 18.68 | 18.68 | | |
| 40 | QPSK | 1 | 1 | 18.69 | 18.96 | 18.76 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 18.57 | 18.68 | 18.69 | | |
| 40 | QPSK | 1 | 214 | 18.63 | 18.69 | 18.74 | | |
| 40 | QPSK | 108 | 0 | 18.43 | 18.53 | 18.51 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.58 | 18.81 | 18.60 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.45 | 18.63 | 18.63 | 20.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.46 | 18.70 | 18.58 | | |
| 40 | 16QAM | 1 | 1 | 18.46 | 18.61 | 18.58 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.46 | 18.58 | 18.58 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.95 | 17.94 | 17.91 | 19.5 | 0.5 |
| Channel | | | | 506010 | 507000 | 511010 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2530 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.58 | 18.68 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 506600 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2522.5 | 2530 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.60 | 18.68 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 506990 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2540 | 2530 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.68 | 18.67 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 507500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2567.5 | 2530 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.64 | 18.74 | 18.70 | 20.0 | 0.0 |
| Channel | | | | 507500 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2565 | 2530 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.64 | 18.75 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 508000 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2562.5 | 2530 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.58 | 18.74 | 18.68 | 20.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2500 | 2530 | 2560 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.40 | 15.44 | 15.26 | 16.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 15.30 | 15.45 | 15.27 | | |
| 40 | PI/2 BPSK | 1 | 214 | 15.29 | 15.40 | 15.34 | | |
| 40 | PI/2 BPSK | 108 | 0 | 15.36 | 15.34 | 15.26 | 16.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 15.41 | 15.41 | 15.30 | 16.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 15.39 | 15.37 | 15.35 | 16.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 15.38 | 15.45 | 15.31 | | |
| 40 | QPSK | 1 | 1 | 15.43 | 15.48 | 15.40 | 16.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 15.28 | 15.34 | 15.29 | | |
| 40 | QPSK | 1 | 214 | 15.37 | 15.42 | 15.30 | | |
| 40 | QPSK | 108 | 0 | 15.32 | 15.32 | 15.32 | 16.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 15.40 | 15.43 | 15.38 | 16.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 15.36 | 15.30 | 15.32 | 16.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 15.39 | 15.40 | 15.36 | | |
| 40 | 16QAM | 1 | 1 | 15.26 | 15.30 | 15.30 | 16.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.32 | 15.39 | 15.28 | 16.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.37 | 15.39 | 15.25 | 16.0 | 0.0 |
| Channel | | | | 506010 | 507000 | 511010 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2530 | 2555 | | |
| 30 | QPSK | 1 | 1 | 15.19 | 15.36 | 15.15 | 16.0 | 0.0 |
| Channel | | | | 506600 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2522.5 | 2530 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 15.19 | 15.24 | 15.19 | 16.0 | 0.0 |
| Channel | | | | 506990 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2540 | 2530 | 2560 | | |
| 20 | QPSK | 1 | 1 | 15.28 | 15.27 | 15.18 | 16.0 | 0.0 |
| Channel | | | | 507510 | 507000 | 512490 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2567.5 | 2530 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 15.29 | 15.20 | 15.20 | 16.0 | 0.0 |
| Channel | | | | 507510 | 507000 | 512990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2565 | 2530 | 2565 | | |
| 10 | QPSK | 1 | 1 | 15.28 | 15.25 | 15.22 | 16.0 | 0.0 |
| Channel | | | | 508020 | 507000 | 513020 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2562.5 | 2530 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 15.20 | 15.18 | 15.21 | 16.0 | 0.0 |

## n26_Ant 0

| 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 | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.28 | 22.53 | 22.48 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.32 | 22.56 | 22.48 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.38 | 22.53 | 22.51 | | |
| 20 | PI/2 BPSK | 53 | 0 | 22.39 | 22.50 | 22.54 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 53 | 28 | 22.32 | 22.58 | 22.42 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 53 | 56 | 22.33 | 22.44 | 22.48 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 106 | 0 | 22.42 | 22.52 | 22.46 | | |
| 20 | QPSK | 1 | 1 | 22.43 | 22.57 | 22.55 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.32 | 22.55 | 22.44 | | |
| 20 | QPSK | 1 | 104 | 22.32 | 22.48 | 22.38 | | |
| 20 | QPSK | 53 | 0 | 22.31 | 22.35 | 22.17 | 23.0 | 0.5 |
| 20 | QPSK | 53 | 28 | 22.33 | 22.49 | 22.40 | 23.5 | 0.0 |
| 20 | QPSK | 53 | 56 | 21.74 | 21.81 | 21.81 | 23.0 | 0.5 |
| 20 | QPSK | 106 | 0 | 21.66 | 21.72 | 21.63 | | |
| 20 | 16QAM | 1 | 1 | 22.12 | 22.12 | 22.13 | 23.0 | 0.5 |
| 20 | 64QAM | 1 | 1 | 20.58 | 20.27 | 20.08 | 21.5 | 2.0 |
| 20 | 256QAM | 1 | 1 | 18.21 | 18.27 | 18.21 | 19.5 | 4.0 |
| Channel | | | | 167410 | 166300 | 165190 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.08 | 22.15 | 22.17 | 23.5 | 0.0 |
| Channel | | | | 167040 | 166300 | 165560 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.98 | 22.22 | 22.18 | 23.5 | 0.0 |
| Channel | | | | 167300 | 166300 | 165300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 818.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.07 | 22.25 | 22.13 | 23.5 | 0.0 |

## n26_Ant 4

| 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 | | | | 164800 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.60 | 22.77 | 22.62 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.75 | 22.75 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.68 | 22.70 | 22.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.19 | 22.30 | 22.22 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.60 | 22.81 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.08 | 22.24 | 22.20 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.02 | 22.20 | 22.07 | | |
| 20 | QPSK | 1 | 1 | 22.84 | 22.94 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.75 | 22.88 | 22.70 | | |
| 20 | QPSK | 1 | 104 | 22.77 | 22.90 | 22.85 | | |
| 20 | QPSK | 50 | 0 | 21.68 | 21.80 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.70 | 22.85 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.75 | 21.75 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.61 | 21.80 | 21.67 | | |
| 20 | 16QAM | 1 | 1 | 21.91 | 22.02 | 22.02 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.36 | 20.45 | 20.43 | 21.5 | 2.0 |
| 20 | 256QAM | 1 | 1 | 18.54 | 18.55 | 18.41 | 19.5 | 4.5 |
| Channel | | | | 167410 | 166300 | 165190 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.68 | 22.80 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 167040 | 166300 | 165560 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.66 | 22.91 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 167300 | 166300 | 165300 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 818.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.66 | 22.86 | 22.86 | 24.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 346000 | 346000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1780 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.04 | 19.18 | 19.14 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 19.02 | 19.18 | 19.05 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.99 | 19.20 | 19.05 | | |
| 40 | PI/2 BPSK | 108 | 0 | 19.01 | 19.07 | 19.07 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.94 | 19.17 | 19.08 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 19.01 | 19.16 | 19.10 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 19.00 | 19.07 | 19.02 | | |
| 40 | QPSK | 1 | 1 | 19.08 | 19.22 | 19.17 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 19.06 | 19.09 | 19.12 | | |
| 40 | QPSK | 1 | 214 | 19.02 | 19.17 | 19.09 | | |
| 40 | QPSK | 108 | 0 | 18.96 | 19.03 | 19.09 | 20.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.00 | 19.16 | 19.10 | 20.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.94 | 19.10 | 19.08 | 20.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.90 | 19.09 | 18.95 | | |
| 40 | 16QAM | 1 | 1 | 18.85 | 19.05 | 19.01 | 20.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.92 | 19.14 | 19.05 | 20.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.79 | 18.06 | 17.92 | 19.5 | 1.0 |
| Channel | | | | 347000 | 349000 | 351000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 18.95 | 19.12 | 18.97 | 20.5 | 0.0 |
| Channel | | | | 344000 | 346000 | 348000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 18.92 | 19.06 | 18.99 | 20.5 | 0.0 |
| Channel | | | | 343500 | 346000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 18.94 | 19.10 | 18.99 | 20.5 | 0.0 |
| Channel | | | | 343000 | 346000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 18.89 | 19.13 | 19.05 | 20.5 | 0.0 |
| Channel | | | | 342500 | 346000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 18.95 | 19.09 | 19.05 | 20.5 | 0.0 |

## n66_Ant 4

| 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 | 346000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1780 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.63 | 18.75 | 18.66 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 18.67 | 18.78 | 18.70 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.72 | 18.72 | 18.63 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.68 | 18.78 | 18.64 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.64 | 18.77 | 18.65 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.76 | 18.77 | 18.58 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.71 | 18.64 | 18.70 | | |
| 40 | QPSK | 1 | 1 | 18.78 | 18.99 | 18.71 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 18.74 | 18.73 | 18.64 | | |
| 40 | QPSK | 1 | 214 | 18.77 | 18.68 | 18.61 | | |
| 40 | QPSK | 108 | 0 | 18.51 | 18.77 | 18.52 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.69 | 18.98 | 18.58 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.64 | 18.73 | 18.54 | 20.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.53 | 18.91 | 18.54 | | |
| 40 | 16QAM | 1 | 1 | 18.76 | 18.76 | 18.64 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.71 | 18.74 | 18.58 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.53 | 18.68 | 18.62 | 19.5 | 0.5 |
| Channel | | | | 347000 | 349000 | 351000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 18.67 | 18.69 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 344000 | 346000 | 348000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 18.72 | 18.72 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 343500 | 346000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 18.70 | 18.64 | 18.70 | 20.0 | 0.0 |
| Channel | | | | 343000 | 346000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 18.67 | 18.66 | 18.62 | 20.0 | 0.0 |
| Channel | | | | 342500 | 346000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 18.71 | 18.67 | 18.57 | 20.0 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 13.85 | 13.94 | 13.83 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 13.80 | 13.93 | 13.78 | | |
| 40 | PI/2 BPSK | 1 | 104 | 14.05 | 14.08 | 13.97 | | |
| 40 | PI/2 BPSK | 50 | 0 | 13.72 | 13.87 | 13.81 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 13.93 | 13.99 | 13.87 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 13.83 | 14.02 | 13.94 | 15.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 13.80 | 13.97 | 13.96 | | |
| 40 | QPSK | 1 | 1 | 14.03 | 14.09 | 14.05 | 15.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 13.96 | 13.98 | 13.94 | | |
| 40 | QPSK | 1 | 104 | 13.99 | 14.07 | 13.96 | | |
| 40 | QPSK | 50 | 0 | 13.72 | 13.67 | 13.64 | 15.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 13.79 | 13.97 | 13.93 | | |
| 40 | QPSK | 50 | 56 | 13.66 | 13.77 | 13.66 | | |
| 40 | QPSK | 100 | 0 | 13.90 | 14.01 | 13.84 | 15.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 13.87 | 13.93 | 13.81 | 15.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 13.99 | 14.06 | 14.03 | 15.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 14.01 | 14.05 | 13.92 | 15.5 | 0.0 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 13.88 | 14.00 | 13.97 | 15.5 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 13.90 | 14.00 | 13.90 | 15.5 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.92 | 14.01 | 13.90 | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 13.87 | 14.00 | 13.85 | | |
| 100 | PI/2 BPSK | 1 | 271 | 14.12 | 14.15 | 14.04 | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.79 | 13.94 | 13.88 | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.00 | 14.06 | 13.94 | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 13.90 | 14.09 | 14.01 | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 13.87 | 14.04 | 14.03 | | |
| 100 | QPSK | 1 | 1 | 14.10 | 14.16 | 14.12 | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 14.03 | 14.05 | 14.01 | | |
| 100 | QPSK | 1 | 271 | 14.06 | 14.14 | 14.03 | | |
| 100 | QPSK | 135 | 0 | 13.79 | 13.74 | 13.71 | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 13.86 | 14.10 | 14.00 | | |
| 100 | QPSK | 135 | 138 | 13.73 | 13.84 | 13.73 | | |
| 100 | QPSK | 270 | 0 | 13.97 | 14.08 | 13.91 | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 13.94 | 14.00 | 13.88 | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.06 | 14.13 | 14.10 | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.06 | 14.12 | 13.99 | 15.5 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 13.96 | 13.94 | 13.97 | 15.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 13.91 | 14.00 | 13.92 | 15.5 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 13.89 | 13.95 | 13.95 | 15.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 13.88 | 13.95 | 13.95 | 15.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 13.88 | 13.97 | 13.98 | 15.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 13.88 | 13.98 | 13.93 | 15.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 13.89 | 13.97 | 13.98 | 15.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 13.96 | 13.96 | 13.91 | 15.5 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 13.23 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 13.24 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 13.20 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 13.28 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 13.20 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 13.26 | | 14.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 13.25 | | | |
| 100 | QPSK | 1 | 1 | | 13.35 | | 14.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 13.21 | | | |
| 100 | QPSK | 1 | 271 | | 13.21 | | | |
| 100 | QPSK | 135 | 0 | | 13.21 | | 14.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 13.26 | | | |
| 100 | QPSK | 135 | 138 | | 13.21 | | | |
| 100 | QPSK | 270 | 0 | | 13.24 | | 14.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 13.21 | | 14.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 13.23 | | 14.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 13.24 | | 14.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 13.31 | 13.30 | 13.23 | 14.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 13.30 | 13.32 | 13.31 | 14.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 13.31 | 13.31 | 13.21 | 14.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 13.34 | 13.31 | 13.29 | 14.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 13.34 | 13.34 | 13.23 | 14.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 13.30 | 13.33 | 13.22 | 14.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 13.33 | 13.23 | 13.23 | 14.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 13.30 | 13.33 | 13.21 | 14.0 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 11.82 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 11.76 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 11.73 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 11.85 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 11.73 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 11.73 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 11.76 | | | |
| 100 | QPSK | 1 | 1 | | 11.88 | | 12.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 11.82 | | | |
| 100 | QPSK | 1 | 271 | | 11.76 | | | |
| 100 | QPSK | 135 | 0 | | 11.78 | | 12.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 11.86 | | | |
| 100 | QPSK | 135 | 138 | | 11.76 | | | |
| 100 | QPSK | 270 | 0 | | 11.75 | | 12.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 11.85 | | 12.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 11.85 | | 12.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 11.86 | | 12.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 11.72 | 11.63 | 11.68 | 12.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 11.72 | 11.61 | 11.73 | 12.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 11.71 | 11.58 | 11.78 | 12.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 11.76 | 11.61 | 11.68 | 12.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 11.75 | 11.61 | 11.76 | 12.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 11.77 | 11.62 | 11.75 | 12.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 11.70 | 11.62 | 11.81 | 12.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 11.77 | 11.64 | 11.80 | 12.5 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.67 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 14.75 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.73 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.68 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 14.71 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 14.72 | | 15.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 14.80 | | | |
| 100 | QPSK | 1 | 1 | | 14.82 | | 15.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 14.75 | | | |
| 100 | QPSK | 1 | 271 | | 14.70 | | | |
| 100 | QPSK | 135 | 0 | | 14.76 | | 15.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 14.78 | | | |
| 100 | QPSK | 135 | 138 | | 14.70 | | | |
| 100 | QPSK | 270 | 0 | | 14.71 | | 15.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 14.77 | | 15.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 14.72 | | 15.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 14.69 | | 15.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 14.61 | 14.71 | 14.64 | 15.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.63 | 14.65 | 14.68 | 15.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.67 | 14.70 | 14.68 | 15.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 14.68 | 14.69 | 14.66 | 15.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.61 | 14.69 | 14.65 | 15.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 14.65 | 14.69 | 14.59 | 15.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 14.62 | 14.67 | 14.69 | 15.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.67 | 14.70 | 14.67 | 15.5 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.45 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.53 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.46 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.53 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.41 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.50 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.49 | | | |
| 100 | QPSK | 1 | 1 | | 16.55 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.46 | | | |
| 100 | QPSK | 1 | 271 | | 16.45 | | | |
| 100 | QPSK | 135 | 0 | | 16.42 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.48 | | | |
| 100 | QPSK | 135 | 138 | | 16.41 | | | |
| 100 | QPSK | 270 | 0 | | 16.40 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.47 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.44 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.44 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.29 | 16.35 | 16.48 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.30 | 16.36 | 16.49 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.34 | 16.33 | 16.53 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.26 | 16.35 | 16.53 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.33 | 16.37 | 16.40 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.28 | 16.37 | 16.42 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.34 | 16.32 | 16.45 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.34 | 16.36 | 16.52 | 17.5 | 0.0 |

## Reduced Power for DSI 6

### n2_Ant 0

| 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 | PI/2 BPSK | 1 | 1 | 20.16 | 20.19 | 20.04 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 20.25 | 20.16 | 20.06 | | |
| 20 | PI/2 BPSK | 1 | 104 | 20.17 | 20.25 | 20.01 | | |
| 20 | PI/2 BPSK | 50 | 0 | 20.11 | 20.19 | 20.07 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 20.11 | 20.21 | 20.10 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 20.19 | 20.14 | 20.08 | 21.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 20.24 | 20.16 | 20.10 | | |
| 20 | QPSK | 1 | 1 | 20.26 | 20.26 | 20.23 | 21.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 20.20 | 20.21 | 20.14 | | |
| 20 | QPSK | 1 | 104 | 20.24 | 20.21 | 20.21 | | |
| 20 | QPSK | 50 | 0 | 20.22 | 20.12 | 20.01 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 20.26 | 20.27 | 20.13 | 21.5 | 0.0 |
| 20 | QPSK | 50 | 55 | 20.24 | 20.28 | 20.01 | 21.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 20.23 | 20.24 | 20.01 | | |
| 20 | 16QAM | 1 | 1 | 20.23 | 20.18 | 20.09 | 21.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.13 | 20.13 | 20.12 | 21.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.25 | 18.32 | 18.34 | 19.5 | 2.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 20.17 | 20.21 | 20.06 | 21.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 20.16 | 20.15 | 19.99 | 21.5 | 0.0 |
| Channel | | | | 370333 | 376000 | 381667 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 20.16 | 20.21 | 20.03 | 21.5 | 0.0 |

### n2_Ant 4

| 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 | PI/2 BPSK | 1 | 1 | 19.86 | 20.05 | 19.85 | 21.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 19.87 | 20.05 | 19.94 | | |
| 20 | PI/2 BPSK | 1 | 104 | 19.90 | 20.07 | 19.93 | | |
| 20 | PI/2 BPSK | 50 | 0 | 19.89 | 19.99 | 19.88 | 21.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 19.94 | 20.00 | 19.82 | 21.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 19.93 | 19.97 | 19.82 | 21.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 19.99 | 20.06 | 19.95 | | |
| 20 | QPSK | 1 | 1 | 20.01 | 20.05 | 19.96 | 21.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 19.96 | 19.95 | 19.81 | | |
| 20 | QPSK | 1 | 104 | 19.93 | 19.97 | 19.98 | | |
| 20 | QPSK | 50 | 0 | 19.88 | 20.02 | 19.77 | 21.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 19.95 | 20.03 | 19.91 | 21.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 19.91 | 19.96 | 19.82 | 21.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 19.83 | 19.91 | 19.82 | 21.0 | 0.0 |
| 20 | 16QAM | 1 | 1 | 19.89 | 19.97 | 19.79 | 21.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 19.90 | 20.02 | 19.77 | 21.0 | 0.0 |
| 20 | 256QAM | 1 | 1 | 18.32 | 18.40 | 18.24 | 19.5 | 1.5 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 1 | 19.88 | 19.94 | 19.78 | 21.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 19.89 | 19.97 | 19.88 | 21.0 | 0.0 |
| Channel | | | | 370333 | 376000 | 381667 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 19.83 | 19.98 | 19.82 | 21.0 | 0.0 |

### n5_Ant 0

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency [MHz] | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.84 | 22.85 | 22.72 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.59 | 22.77 | 22.63 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.69 | 22.59 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.89 | 21.75 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.63 | 22.82 | 22.61 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 21.65 | 21.77 | 21.64 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.92 | 22.73 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.58 | 22.74 | 22.55 | | |
| 20 | QPSK | 1 | 104 | 22.50 | 22.64 | 22.60 | | |
| 20 | QPSK | 50 | 0 | 21.36 | 21.47 | 21.37 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.52 | 22.87 | 22.77 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 21.11 | 21.38 | 21.14 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | | |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.86 | 17.87 | 17.87 | 19.5 | 4.5 |
| Channel | | | | 166400 | 167300 | 168200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.75 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 166400 | 167300 | 168200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.59 | 22.86 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 166150 | 167150 | 168150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.66 | 24.0 | 0.0 |

### n5_Ant 4

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency [MHz] | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.87 | 22.88 | 22.84 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.70 | 22.94 | 22.66 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.64 | 22.85 | 22.77 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.92 | 22.05 | 21.88 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.96 | 22.88 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 55 | 21.90 | 21.96 | 21.95 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.94 | 22.02 | 21.97 | | |
| 20 | QPSK | 1 | 1 | 22.91 | 22.92 | 22.82 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.66 | 22.85 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.81 | 22.88 | 22.85 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.62 | 21.45 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.72 | 22.91 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 55 | 21.47 | 21.56 | 21.52 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.46 | 21.31 | | |
| 20 | 16QAM | 1 | 1 | 21.74 | 21.85 | 21.69 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.42 | 18.27 | 19.5 | 4.5 |
| Channel | | | | 166400 | 167300 | 168200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.86 | 22.77 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 166400 | 167300 | 168200 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.73 | 22.88 | 24.0 | 0.0 |
| Channel | | | | 166150 | 167150 | 168150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency [MHz] | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.88 | 22.86 | 22.71 | 24.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2530 | 2530 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.65 | 18.77 | 18.73 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 18.61 | 18.73 | 18.73 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.60 | 18.73 | 18.74 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.55 | 18.69 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.66 | 18.71 | 18.64 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.56 | 18.79 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.68 | 18.68 | 18.65 | | |
| 40 | QPSK | 1 | 1 | 18.69 | 18.95 | 18.76 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 18.57 | 18.68 | 18.69 | | |
| 40 | QPSK | 1 | 214 | 18.63 | 18.69 | 18.74 | | |
| 40 | QPSK | 108 | 0 | 18.43 | 18.53 | 18.51 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.58 | 18.61 | 18.65 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.45 | 18.63 | 18.63 | 20.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.46 | 18.78 | 18.58 | 20.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.46 | 18.61 | 18.58 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.46 | 18.58 | 18.56 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.95 | 17.94 | 17.91 | 19.5 | 0.5 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2530 | 2550 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 18.58 | 18.68 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2530 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 18.60 | 18.66 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2530 | 2560 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 18.68 | 18.67 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2530 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 18.64 | 18.74 | 18.70 | 20.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2530 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 18.64 | 18.75 | 18.68 | 20.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2530 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 18.58 | 18.74 | 18.65 | 20.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2530 | 2530 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.54 | 18.70 | 18.56 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 18.36 | 18.66 | 18.63 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.39 | 18.67 | 18.55 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.37 | 18.61 | 18.63 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.57 | 18.66 | 18.51 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.38 | 18.71 | 18.57 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.61 | 18.65 | 18.59 | | |
| 40 | QPSK | 1 | 1 | 18.76 | 18.83 | 18.76 | 19.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 18.73 | 18.76 | 18.73 | | |
| 40 | QPSK | 1 | 214 | 18.75 | 18.72 | 18.66 | | |
| 40 | QPSK | 108 | 0 | 18.63 | 18.63 | 18.60 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.69 | 18.73 | 18.65 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.65 | 18.70 | 18.53 | 19.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.62 | 18.63 | 18.57 | 19.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.54 | 18.63 | 18.64 | 19.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.66 | 18.58 | 18.55 | 19.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.99 | 18.01 | 18.10 | 19.0 | 0.0 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2530 | 2550 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 18.63 | 18.70 | 18.60 | 19.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2530 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 18.63 | 18.69 | 18.50 | 19.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2530 | 2560 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 18.68 | 18.58 | 18.61 | 19.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2530 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 18.68 | 18.64 | 18.51 | 19.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2530 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 18.67 | 18.72 | 18.64 | 19.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2530 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 18.68 | 18.58 | 18.54 | 19.5 | 0.0 |

## n26_Ant 0

| 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 | | | | 164850 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.82 | 22.88 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.69 | 22.82 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.69 | 22.80 | 22.63 | | |
| 20 | PI/2 BPSK | 53 | 0 | 21.73 | 21.80 | 21.79 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 53 | 26 | 22.77 | 22.77 | 22.66 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 53 | 26 | 22.05 | 22.13 | 22.12 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.05 | 22.10 | 21.96 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.93 | 22.72 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.84 | 22.87 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.84 | 22.64 | | |
| 20 | QPSK | 53 | 0 | 22.14 | 22.15 | 22.07 | 23.0 | 1.0 |
| 20 | QPSK | 53 | 26 | 22.70 | 22.80 | 22.63 | 24.0 | 0.0 |
| 20 | QPSK | 53 | 26 | 21.65 | 21.70 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.73 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.87 | 22.92 | 22.05 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.53 | 20.15 | 19.98 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.02 | 18.17 | 18.11 | 19.5 | 4.5 |
| Channel | | | | 165750 | 166300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 829.5 | 831.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.65 | 22.86 | 22.53 | 24.0 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.54 | 22.80 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 163500 | 166300 | 169300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.53 | 24.0 | 0.0 |

## n26_Ant 4

| 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 | | | | 164850 | 166300 | 167800 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.60 | 22.77 | 22.62 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.75 | 22.75 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.66 | 22.75 | 22.52 | | |
| 20 | PI/2 BPSK | 53 | 0 | 22.19 | 22.30 | 22.22 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 53 | 26 | 22.80 | 22.81 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 53 | 26 | 22.08 | 22.24 | 22.39 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.02 | 22.20 | 22.07 | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.94 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.75 | 22.86 | 22.70 | | |
| 20 | QPSK | 1 | 104 | 22.77 | 22.90 | 22.85 | | |
| 20 | QPSK | 53 | 0 | 21.68 | 21.80 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 53 | 26 | 22.70 | 22.85 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 53 | 26 | 21.70 | 21.75 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.61 | 21.82 | 21.67 | | |
| 20 | 16QAM | 1 | 1 | 21.91 | 22.02 | 22.02 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.36 | 20.46 | 20.43 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.54 | 18.55 | 18.40 | 19.5 | 4.5 |
| Channel | | | | 165750 | 166300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 829.5 | 831.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.68 | 22.85 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 163800 | 166300 | 168800 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.66 | 22.91 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 163500 | 166300 | 169300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.66 | 22.95 | 22.86 | 24.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 346000 | 346000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.58 | 21.65 | 21.42 | 23.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 21.61 | 21.76 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 214 | 21.48 | 21.67 | 21.50 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.57 | 21.68 | 21.47 | 23.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 21.58 | 21.75 | 21.47 | 23.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.61 | 21.73 | 21.45 | 23.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 21.57 | 21.79 | 21.44 | | |
| 40 | QPSK | 1 | 1 | 21.70 | 21.81 | 21.66 | 23.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 21.66 | 21.75 | 21.53 | | |
| 40 | QPSK | 1 | 214 | 21.69 | 21.76 | 21.53 | | |
| 40 | QPSK | 108 | 0 | 21.60 | 21.77 | 21.44 | 23.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 21.62 | 21.80 | 21.54 | 23.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.52 | 21.71 | 21.53 | 23.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.59 | 21.68 | 21.48 | | |
| 40 | 16QAM | 1 | 1 | 21.47 | 21.77 | 21.45 | 23.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.95 | 20.07 | 19.94 | 21.5 | 1.5 |
| 40 | 256QAM | 1 | 1 | 17.64 | 17.94 | 17.94 | 18.5 | 2.0 |
| Channel | | | | 345000 | 346000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 21.48 | 21.73 | 21.53 | 23.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 21.52 | 21.71 | 21.50 | 23.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 21.54 | 21.65 | 21.52 | 23.0 | 0.0 |
| Channel | | | | 342000 | 349000 | 356000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 21.59 | 21.73 | 21.41 | 23.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 21.48 | 21.74 | 21.49 | 23.0 | 0.0 |

## n66_Ant 4

| 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 | | | | 346000 | 346000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.03 | 20.16 | 20.01 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.14 | 20.17 | 20.07 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.05 | 20.20 | 20.11 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.17 | 20.11 | 20.08 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.03 | 20.14 | 20.14 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.10 | 20.17 | 20.01 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.09 | 20.13 | 20.02 | | |
| 40 | QPSK | 1 | 1 | 20.28 | 20.37 | 20.20 | 21.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.19 | 20.23 | 20.12 | | |
| 40 | QPSK | 1 | 214 | 20.17 | 20.27 | 20.12 | | |
| 40 | QPSK | 108 | 0 | 20.05 | 20.12 | 20.03 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.18 | 20.35 | 20.16 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.13 | 20.23 | 20.04 | 21.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.34 | 20.43 | 20.33 | | |
| 40 | 16QAM | 1 | 1 | 20.06 | 20.13 | 20.03 | 21.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.03 | 20.15 | 19.96 | 21.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.51 | 18.60 | 18.46 | 18.5 | 2.0 |
| Channel | | | | 345000 | 346000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 20.12 | 20.19 | 20.13 | 21.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 20.14 | 20.23 | 20.09 | 21.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 20.06 | 20.21 | 20.04 | 21.5 | 0.0 |
| Channel | | | | 342000 | 349000 | 356000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 20.07 | 20.16 | 20.06 | 21.5 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 20.10 | 20.19 | 20.08 | 21.5 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.30 | 18.21 | 18.25 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 18.28 | 18.27 | 18.22 | | |
| 40 | PI/2 BPSK | 1 | 104 | 18.28 | 18.22 | 18.18 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.23 | 18.28 | 18.20 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.30 | 18.23 | 18.18 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 18.24 | 18.22 | 18.31 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 18.25 | 18.28 | 18.24 | | |
| 40 | QPSK | 1 | 1 | 18.33 | 18.36 | 18.33 | 19.5 | 0.0 |
| 40 | QPSK | 1 | 53 | 18.26 | 18.22 | 18.22 | | |
| 40 | QPSK | 1 | 104 | 18.27 | 18.26 | 18.31 | | |
| 40 | QPSK | 50 | 0 | 18.23 | 18.21 | 18.27 | 19.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.30 | 18.31 | 18.18 | | |
| 40 | QPSK | 50 | 56 | 18.27 | 18.26 | 18.19 | | |
| 40 | QPSK | 100 | 0 | 18.21 | 18.30 | 18.26 | 19.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.27 | 18.26 | 18.23 | 19.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.15 | 18.21 | 18.13 | 19.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.28 | 18.21 | 18.20 | 19.5 | 0.0 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 18.26 | 18.32 | 18.33 | 19.5 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 18.32 | 18.28 | 18.28 | 19.5 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.37 | 18.28 | 18.32 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 18.35 | 18.34 | 18.29 | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.35 | 18.29 | 18.25 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.30 | 18.35 | 18.27 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.37 | 18.30 | 18.25 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.31 | 18.29 | 18.38 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 18.32 | 18.35 | 18.31 | | |
| 100 | QPSK | 1 | 1 | 18.36 | 18.43 | 18.40 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | 18.33 | 18.29 | 18.29 | | |
| 100 | QPSK | 1 | 271 | 18.34 | 18.33 | 18.38 | | |
| 100 | QPSK | 135 | 0 | 18.30 | 18.28 | 18.29 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.37 | 18.38 | 18.25 | | |
| 100 | QPSK | 135 | 138 | 18.34 | 18.33 | 18.23 | | |
| 100 | QPSK | 270 | 0 | 18.35 | 18.37 | 18.32 | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.34 | 18.33 | 18.30 | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.29 | 18.35 | 18.27 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.35 | 18.28 | 18.27 | 19.5 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 18.36 | 18.30 | 18.31 | 19.5 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 18.34 | 18.31 | 18.32 | 19.5 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 18.33 | 18.31 | 18.32 | 19.5 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 18.33 | 18.32 | 18.30 | 19.5 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 18.35 | 18.31 | 18.33 | 19.5 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 18.30 | 18.29 | 18.32 | 19.5 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 18.36 | 18.32 | 18.27 | 19.5 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 18.30 | 18.35 | 18.25 | 19.5 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.55 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 18.45 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.51 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.47 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 18.45 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 18.53 | | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 18.52 | | | |
| 100 | QPSK | 1 | 1 | | 18.60 | | 19.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 18.52 | | | |
| 100 | QPSK | 1 | 271 | | 18.58 | | | |
| 100 | QPSK | 135 | 0 | | 18.47 | | 19.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 18.57 | | | |
| 100 | QPSK | 135 | 138 | | 18.48 | | | |
| 100 | QPSK | 270 | 0 | | 18.47 | | 19.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 18.46 | | 19.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.47 | | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 18.57 | | 19.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 18.43 | 18.46 | 18.45 | 19.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 18.49 | 18.45 | 18.46 | 19.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 18.44 | 18.47 | 18.49 | 19.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 18.44 | 18.45 | 18.53 | 19.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 18.41 | 18.48 | 18.56 | 19.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 18.43 | 18.44 | 18.50 | 19.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 18.50 | 18.42 | 18.58 | 19.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 18.47 | 18.43 | 18.51 | 19.5 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.11 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.09 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.03 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.08 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.03 | | | |
| 100 | QPSK | 1 | 1 | | 15.16 | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.02 | | | |
| 100 | QPSK | 1 | 271 | | 15.01 | | | |
| 100 | QPSK | 135 | 0 | | 15.04 | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.11 | | | |
| 100 | QPSK | 135 | 138 | | 15.09 | | | |
| 100 | QPSK | 270 | 0 | | 15.04 | | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.05 | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.05 | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.12 | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.02 | 14.98 | 15.13 | 16.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 15.00 | 14.96 | 15.09 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.97 | 14.92 | 15.09 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.03 | 14.92 | 15.05 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.01 | 14.92 | 15.05 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.05 | 14.97 | 15.12 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.00 | 15.07 | 14.80 | 16.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.99 | 15.04 | 14.81 | 16.0 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.18 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.20 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.16 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.22 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.14 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.22 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.33 | | | |
| 100 | QPSK | 1 | 1 | | 20.35 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.30 | | | |
| 100 | QPSK | 1 | 271 | | 20.20 | | | |
| 100 | QPSK | 135 | 0 | | 20.31 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.33 | | | |
| 100 | QPSK | 135 | 138 | | 20.21 | | | |
| 100 | QPSK | 270 | 0 | | 20.27 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.20 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 20.0 | 1.0 |
| 100 | 256QAM | 1 | 1 | | 16.22 | | 18.0 | 3.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.91 | 20.00 | 19.84 | 21.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.93 | 19.98 | 19.91 | 21.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.89 | 19.98 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.96 | 19.95 | 19.86 | 21.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.93 | 20.00 | 19.90 | 21.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.94 | 19.97 | 19.86 | 21.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.95 | 19.96 | 19.92 | 21.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.95 | 19.95 | 19.90 | 21.0 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 17.81 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 17.93 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 17.85 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 17.92 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 17.87 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 17.93 | | 19.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 17.91 | | | |
| 100 | QPSK | 1 | 1 | | 17.96 | | 19.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 17.87 | | | |
| 100 | QPSK | 1 | 271 | | 17.90 | | | |
| 100 | QPSK | 135 | 0 | | 17.91 | | 19.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 17.92 | | | |
| 100 | QPSK | 135 | 138 | | 17.56 | | | |
| 100 | QPSK | 270 | 0 | | 17.55 | | 19.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 17.90 | | 19.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 17.68 | | 19.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.61 | | 18.0 | 1.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 17.59 | 17.68 | 17.58 | 19.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 17.60 | 17.68 | 17.59 | 19.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 17.55 | 17.65 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 17.58 | 17.70 | 17.58 | 19.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 17.60 | 17.75 | 17.60 | 19.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 17.58 | 17.68 | 17.62 | 19.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 17.61 | 17.71 | 17.63 | 19.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 17.59 | 17.68 | 17.58 | 19.0 | 0.0 |

## Reduced Power for DSI 7

### n2_Ant 0

| 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 | PI/2 BPSK | 1 | 1 | 15.03 | 15.15 | 15.17 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 15.06 | 15.22 | 15.17 | | |
| 20 | PI/2 BPSK | 1 | 104 | 14.97 | 15.16 | 15.09 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.06 | 15.21 | 15.10 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 14.96 | 15.20 | 15.19 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.03 | 15.24 | 15.19 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.00 | 15.18 | 15.12 | | |
| 20 | QPSK | 1 | 1 | 15.24 | 15.32 | 15.26 | 16.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.17 | 15.37 | 15.16 | | |
| 20 | QPSK | 1 | 104 | 15.13 | 15.32 | 15.20 | | |
| 20 | QPSK | 50 | 0 | 15.00 | 15.24 | 15.08 | 16.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.11 | 15.29 | 15.20 | 16.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.05 | 15.22 | 15.10 | 16.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.09 | 15.21 | 15.05 | 16.5 | 0.0 |
| 20 | 16QAM | 1 | 1 | 15.03 | 15.21 | 15.16 | 16.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.09 | 15.26 | 15.09 | 16.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 14.98 | 15.17 | 15.14 | 16.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 14.98 | 15.17 | 15.07 | 16.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 15.08 | 15.27 | 15.11 | 16.5 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 15.00 | 15.18 | 15.09 | 16.5 | 0.0 |

### n2_Ant 4

| 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 | PI/2 BPSK | 1 | 1 | 15.12 | 15.16 | 15.21 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 15.21 | 15.23 | 15.13 | | |
| 20 | PI/2 BPSK | 1 | 104 | 15.13 | 15.25 | 15.16 | | |
| 20 | PI/2 BPSK | 50 | 0 | 15.09 | 15.23 | 15.23 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 15.20 | 15.16 | 15.13 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 15.11 | 15.26 | 15.23 | 16.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 15.14 | 15.22 | 15.14 | | |
| 20 | QPSK | 1 | 1 | 15.22 | 15.29 | 15.27 | 16.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 15.20 | 15.17 | 15.17 | | |
| 20 | QPSK | 1 | 104 | 15.13 | 15.21 | 15.20 | | |
| 20 | QPSK | 50 | 0 | 15.07 | 15.19 | 15.03 | 16.5 | 0.0 |
| 20 | QPSK | 50 | 28 | 15.14 | 15.20 | 15.13 | 16.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 15.04 | 15.07 | 15.04 | 16.5 | 0.0 |
| 20 | QPSK | 100 | 0 | 15.03 | 15.12 | 15.03 | | |
| 20 | 16QAM | 1 | 1 | 15.04 | 15.06 | 15.12 | 16.5 | 0.0 |
| 20 | 64QAM | 1 | 1 | 15.10 | 15.11 | 15.11 | 16.5 | 0.0 |
| 20 | 256QAM | 1 | 1 | 15.00 | 15.12 | 15.02 | 16.5 | 0.0 |
| Channel | | | | 371500 | 376000 | 380500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 14.99 | 15.08 | 15.03 | 16.5 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 15.11 | 15.15 | 15.08 | 16.5 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 15.00 | 15.07 | 15.11 | 16.5 | 0.0 |

### n5_Ant 0

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.34 | 22.35 | 22.22 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.09 | 22.27 | 22.12 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.12 | 22.19 | 22.09 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.93 | 21.89 | 21.75 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.13 | 22.32 | 22.31 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.85 | 21.77 | 21.64 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.25 | 22.42 | 22.23 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.08 | 22.24 | 22.05 | | |
| 20 | QPSK | 1 | 104 | 22.00 | 22.14 | 22.10 | | |
| 20 | QPSK | 50 | 0 | 21.36 | 21.47 | 21.37 | 23.0 | 0.5 |
| 20 | QPSK | 50 | 28 | 22.32 | 22.37 | 22.27 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.11 | 21.38 | 21.14 | 23.0 | 0.5 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | 23.0 | 0.5 |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 0.5 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.0 |
| 20 | 256QAM | 1 | 1 | 17.86 | 17.87 | 17.87 | 19.5 | 4.0 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.11 | 22.25 | 22.14 | 23.5 | 0.0 |
| Channel | | | | 165900 | 167300 | 168700 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.09 | 22.36 | 22.18 | 23.5 | 0.0 |
| Channel | | | | 165550 | 167300 | 169050 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.17 | 22.28 | 22.16 | 23.5 | 0.0 |

### n5_Ant 4

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.61 | 21.74 | 21.61 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.51 | 21.68 | 21.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.51 | 21.77 | 21.52 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.54 | 21.77 | 21.55 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.52 | 21.74 | 21.52 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.51 | 21.74 | 21.58 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.53 | 21.70 | 21.60 | | |
| 20 | QPSK | 1 | 1 | 21.68 | 21.82 | 21.70 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.68 | 21.74 | 21.67 | | |
| 20 | QPSK | 1 | 104 | 21.62 | 21.76 | 21.61 | | |
| 20 | QPSK | 50 | 0 | 21.44 | 21.67 | 21.47 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.54 | 21.76 | 21.52 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.41 | 21.63 | 21.48 | 23.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.74 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.52 | 21.67 | 21.53 | 23.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 1.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.40 | 18.27 | 19.5 | 3.5 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 21.53 | 21.71 | 21.51 | 23.0 | 0.0 |
| Channel | | | | 165900 | 167300 | 168700 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 21.54 | 21.75 | 21.51 | 23.0 | 0.0 |
| Channel | | | | 165550 | 167300 | 169050 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 21.52 | 21.69 | 21.54 | 23.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2530 | 2530 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.65 | 18.77 | 18.73 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 18.61 | 18.73 | 18.73 | | |
| 40 | PI/2 BPSK | 1 | 214 | 18.60 | 18.73 | 18.74 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.55 | 18.69 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.66 | 18.71 | 18.64 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.56 | 18.79 | 18.68 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.68 | 18.68 | 18.65 | | |
| 40 | QPSK | 1 | 1 | 18.69 | 18.95 | 18.76 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 18.57 | 18.68 | 18.69 | | |
| 40 | QPSK | 1 | 214 | 18.63 | 18.69 | 18.74 | | |
| 40 | QPSK | 108 | 0 | 18.43 | 18.53 | 18.51 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.58 | 18.61 | 18.65 | 20.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.45 | 18.63 | 18.63 | 20.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.46 | 18.78 | 18.58 | 20.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.46 | 18.61 | 18.58 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.46 | 18.58 | 18.56 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.95 | 17.94 | 17.91 | 19.5 | 0.5 |
| Channel | | | | 504000 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2530 | 2553 | | |
| 30 | QPSK | 1 | 1 | 18.58 | 18.68 | 18.67 | 20.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2530 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.60 | 18.66 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2530 | 2560 | | |
| 20 | QPSK | 1 | 1 | 18.68 | 18.67 | 18.66 | 20.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2530 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.64 | 18.74 | 18.70 | 20.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2530 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.64 | 18.75 | 18.68 | 20.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2530 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.58 | 18.74 | 18.65 | 20.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2530 | 2530 | | |
| 40 | PI/2 BPSK | 1 | 1 | 11.46 | 11.41 | 11.45 | 12.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 11.51 | 11.39 | 11.46 | | |
| 40 | PI/2 BPSK | 1 | 214 | 11.38 | 11.48 | 11.37 | | |
| 40 | PI/2 BPSK | 108 | 0 | 11.42 | 11.50 | 11.49 | 12.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 11.42 | 11.46 | 11.42 | 12.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 11.46 | 11.42 | 11.49 | 12.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 11.47 | 11.42 | 11.36 | | |
| 40 | QPSK | 1 | 1 | 11.52 | 11.53 | 11.51 | 12.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 11.41 | 11.39 | 11.46 | | |
| 40 | QPSK | 1 | 214 | 11.42 | 11.39 | 11.42 | | |
| 40 | QPSK | 108 | 0 | 11.32 | 11.38 | 11.39 | 12.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 11.46 | 11.52 | 11.47 | 12.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 11.32 | 11.48 | 11.44 | 12.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 11.35 | 11.51 | 11.37 | 12.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 11.44 | 11.38 | 11.36 | 12.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 11.32 | 11.40 | 11.41 | 12.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 11.39 | 11.48 | 11.40 | 12.0 | 0.0 |
| Channel | | | | 504000 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2530 | 2553 | | |
| 30 | QPSK | 1 | 1 | 11.24 | 11.34 | 11.33 | 12.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2530 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 11.30 | 11.35 | 11.35 | 12.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2530 | 2560 | | |
| 20 | QPSK | 1 | 1 | 11.26 | 11.33 | 11.23 | 12.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2530 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 11.27 | 11.41 | 11.32 | 12.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2530 | 2565 | | |
| 10 | QPSK | 1 | 1 | 11.26 | 11.31 | 11.32 | 12.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2530 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 11.22 | 11.31 | 11.36 | 12.5 | 0.0 |

## n26_Ant 0

| 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 | | | | 164850 | 166500 | 167850 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.28 | 22.53 | 22.48 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.32 | 22.56 | 22.48 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.36 | 22.53 | 22.51 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.38 | 22.50 | 22.54 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.32 | 22.56 | 22.42 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 22.33 | 22.44 | 22.48 | 23.5 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.42 | 22.52 | 22.48 | | |
| 20 | QPSK | 1 | 1 | 22.42 | 22.37 | 22.52 | | |
| 20 | QPSK | 1 | 53 | 22.32 | 22.55 | 22.44 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.32 | 22.48 | 22.38 | | |
| 20 | QPSK | 50 | 0 | 22.31 | 22.35 | 22.17 | 23.0 | 0.5 |
| 20 | QPSK | 50 | 28 | 22.33 | 22.49 | 22.40 | 23.5 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.74 | 21.81 | 21.81 | 23.0 | 0.5 |
| 20 | QPSK | 100 | 0 | 21.69 | 21.72 | 21.63 | 23.0 | 0.5 |
| 20 | 16QAM | 1 | 1 | 22.12 | 22.12 | 22.13 | 23.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.98 | 20.27 | 20.08 | 21.5 | 2.0 |
| 20 | 256QAM | 1 | 1 | 18.21 | 18.27 | 18.21 | 18.5 | 4.0 |
| Channel | | | | 164249 | 166400 | 168553 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.08 | 22.15 | 22.17 | 23.5 | 0.0 |
| Channel | | | | 163850 | 166300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.98 | 22.22 | 22.18 | 23.5 | 0.0 |
| Channel | | | | 163525 | 166500 | 169475 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.07 | 22.25 | 22.13 | 23.5 | 0.0 |

## n26_Ant 4

| 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 | | | | 164850 | 166500 | 167850 | | |
| Frequency (MHz) | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 21.68 | 21.76 | 21.80 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 21.61 | 21.81 | 21.68 | | |
| 20 | PI/2 BPSK | 1 | 104 | 21.76 | 21.83 | 21.69 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.63 | 21.81 | 21.78 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 21.65 | 21.78 | 21.69 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 50 | 21.64 | 21.68 | 21.74 | 23.0 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 21.65 | 21.79 | 21.77 | | |
| 20 | QPSK | 1 | 1 | 21.76 | 21.90 | 21.83 | 23.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 21.70 | 21.86 | 21.73 | | |
| 20 | QPSK | 1 | 104 | 21.64 | 21.77 | 21.64 | | |
| 20 | QPSK | 50 | 0 | 21.60 | 21.77 | 21.65 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 28 | 21.72 | 21.89 | 21.78 | 23.0 | 0.0 |
| 20 | QPSK | 50 | 50 | 21.67 | 21.87 | 21.65 | 23.0 | 0.0 |
| 20 | QPSK | 100 | 0 | 21.60 | 21.77 | 21.73 | 23.0 | 0.0 |
| 20 | 16QAM | 1 | 1 | 21.67 | 21.77 | 21.82 | 23.0 | 0.0 |
| 20 | 64QAM | 1 | 1 | 20.30 | 20.33 | 20.30 | 21.5 | 1.5 |
| 20 | 256QAM | 1 | 1 | 18.43 | 18.53 | 18.36 | 19.5 | 3.0 |
| Channel | | | | 164249 | 166400 | 168553 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 21.64 | 21.89 | 21.72 | 23.0 | 0.0 |
| Channel | | | | 163850 | 166300 | 168800 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 21.72 | 21.80 | 21.82 | 23.0 | 0.0 |
| Channel | | | | 163525 | 166500 | 169475 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 21.66 | 21.76 | 21.68 | 23.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.02 | 17.14 | 16.98 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 17.03 | 17.24 | 17.05 | | |
| 40 | PI/2 BPSK | 1 | 214 | 17.08 | 17.14 | 16.94 | | |
| 40 | PI/2 BPSK | 108 | 0 | 17.08 | 17.14 | 17.04 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 17.04 | 17.26 | 16.95 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 17.05 | 17.13 | 17.01 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 17.14 | 17.17 | 16.93 | | |
| 40 | QPSK | 1 | 1 | 17.17 | 17.30 | 17.20 | 18.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 17.03 | 17.20 | 17.11 | | |
| 40 | QPSK | 1 | 214 | 17.16 | 17.23 | 17.11 | | |
| 40 | QPSK | 108 | 0 | 17.14 | 17.15 | 17.05 | 18.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 17.15 | 17.27 | 17.08 | 18.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 17.08 | 17.13 | 17.07 | 18.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 17.01 | 17.13 | 16.98 | | |
| 40 | 16QAM | 1 | 1 | 17.03 | 17.24 | 17.07 | 18.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.09 | 17.17 | 16.97 | 18.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.05 | 17.15 | 16.99 | 18.5 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 17.05 | 17.13 | 16.98 | 18.5 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 17.10 | 17.25 | 17.00 | 18.5 | 0.0 |
| Channel | | | | 343500 | 349500 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 17.05 | 17.21 | 17.02 | 18.5 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 17.00 | 17.19 | 16.98 | 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 | 17.13 | 17.19 | 16.99 | 18.5 | 0.0 |

## n66_Ant 4

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1730 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.85 | 15.73 | 15.79 | 17.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 15.75 | 15.81 | 15.78 | | |
| 40 | PI/2 BPSK | 1 | 214 | 15.76 | 15.75 | 15.70 | | |
| 40 | PI/2 BPSK | 108 | 0 | 15.67 | 15.82 | 15.79 | 17.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 15.74 | 15.78 | 15.79 | 17.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 15.66 | 15.78 | 15.77 | 17.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 15.77 | 15.83 | 15.76 | | |
| 40 | QPSK | 1 | 1 | 15.86 | 15.97 | 15.91 | 17.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 15.73 | 15.84 | 15.76 | | |
| 40 | QPSK | 1 | 214 | 15.82 | 15.83 | 15.65 | | |
| 40 | QPSK | 108 | 0 | 15.69 | 15.77 | 15.90 | 17.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 15.81 | 15.88 | 15.92 | 17.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 15.78 | 15.74 | 15.67 | 17.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 15.74 | 15.81 | 15.80 | | |
| 40 | 16QAM | 1 | 1 | 15.79 | 15.81 | 15.75 | 17.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 15.80 | 15.87 | 15.77 | 17.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 15.88 | 15.75 | 15.68 | 17.0 | 0.0 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1725 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 15.88 | 15.75 | 15.68 | 17.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 15.76 | 15.82 | 15.75 | 17.0 | 0.0 |
| Channel | | | | 343500 | 349500 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 15.70 | 15.76 | 15.72 | 17.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 15.77 | 15.84 | 15.75 | 17.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 15.85 | 15.78 | 15.68 | 17.0 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 11.45 | 11.72 | 11.40 | 13.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 11.47 | 11.70 | 11.47 | | |
| 40 | PI/2 BPSK | 1 | 104 | 11.46 | 11.62 | 11.40 | | |
| 40 | PI/2 BPSK | 50 | 0 | 11.51 | 11.72 | 11.46 | 13.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 11.48 | 11.60 | 11.44 | 13.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 11.51 | 11.66 | 11.44 | 13.0 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 11.49 | 11.61 | 11.40 | | |
| 40 | QPSK | 1 | 1 | 11.60 | 11.75 | 11.55 | 13.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 11.53 | 11.64 | 11.43 | | |
| 40 | QPSK | 1 | 104 | 11.50 | 11.70 | 11.45 | | |
| 40 | QPSK | 50 | 0 | 11.47 | 11.68 | 11.42 | 13.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 11.54 | 11.70 | 11.43 | | |
| 40 | QPSK | 50 | 56 | 11.52 | 11.60 | 11.40 | | |
| 40 | QPSK | 100 | 0 | 11.49 | 11.65 | 11.46 | 13.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 11.52 | 11.61 | 11.47 | 13.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 11.47 | 11.63 | 11.44 | 13.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 11.51 | 11.66 | 11.47 | 13.0 | 0.0 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 11.52 | 11.63 | 11.40 | 13.0 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 11.46 | 11.60 | 11.47 | 13.0 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 11.52 | 11.79 | 11.47 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 11.54 | 11.77 | 11.54 | | |
| 100 | PI/2 BPSK | 1 | 271 | 11.53 | 11.69 | 11.47 | | |
| 100 | PI/2 BPSK | 135 | 0 | 11.58 | 11.79 | 11.53 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 11.55 | 11.67 | 11.51 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 11.58 | 11.73 | 11.51 | 13.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 11.56 | 11.68 | 11.47 | | |
| 100 | QPSK | 1 | 1 | 11.67 | 11.82 | 11.62 | 13.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 11.60 | 11.71 | 11.50 | | |
| 100 | QPSK | 1 | 271 | 11.57 | 11.77 | 11.52 | | |
| 100 | QPSK | 135 | 0 | 11.54 | 11.75 | 11.49 | 13.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 11.63 | 11.77 | 11.50 | | |
| 100 | QPSK | 135 | 138 | 11.59 | 11.67 | 11.47 | | |
| 100 | QPSK | 270 | 0 | 11.56 | 11.72 | 11.53 | 13.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | 11.59 | 11.68 | 11.54 | 13.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 11.54 | 11.70 | 11.51 | 13.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 11.58 | 11.73 | 11.54 | 13.0 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 11.59 | 11.70 | 11.47 | 13.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 11.53 | 11.80 | 11.49 | 13.0 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 11.55 | 11.74 | 11.50 | 13.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 11.60 | 11.71 | 11.53 | 13.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 11.55 | 11.68 | 11.51 | 13.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 11.53 | 11.67 | 11.54 | 13.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 11.57 | 11.79 | 11.52 | 13.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 11.59 | 11.72 | 11.49 | 13.0 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 11.52 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 11.55 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 11.50 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 11.61 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 11.58 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 11.53 | | 12.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 11.60 | | | |
| 100 | QPSK | 1 | 1 | | 11.65 | | 12.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 11.59 | | | |
| 100 | QPSK | 1 | 271 | | 11.54 | | | |
| 100 | QPSK | 135 | 0 | | 11.60 | | 12.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 11.61 | | | |
| 100 | QPSK | 135 | 138 | | 11.57 | | | |
| 100 | QPSK | 270 | 0 | | 11.58 | | 12.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 11.59 | | 12.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 11.57 | | 12.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 11.54 | | 12.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 11.49 | 11.50 | 11.48 | 12.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 11.45 | 11.53 | 11.51 | 12.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 11.47 | 11.50 | 11.45 | 12.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 11.50 | 11.52 | 11.47 | 12.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 11.52 | 11.53 | 11.52 | 12.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 11.51 | 11.52 | 11.51 | 12.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 11.53 | 11.53 | 11.52 | 12.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 11.50 | 11.60 | 11.47 | 12.5 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 10.29 | | 11.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 10.23 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 10.26 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 10.26 | | 11.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 10.19 | | 11.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 10.24 | | 11.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 10.23 | | | |
| 100 | QPSK | 1 | 1 | | 10.34 | | 11.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 10.33 | | | |
| 100 | QPSK | 1 | 271 | | 10.28 | | | |
| 100 | QPSK | 135 | 0 | | 10.26 | | 11.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 10.27 | | | |
| 100 | QPSK | 135 | 138 | | 10.20 | | | |
| 100 | QPSK | 270 | 0 | | 10.25 | | 11.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 10.21 | | 11.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 10.22 | | 11.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 10.18 | | 11.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 10.25 | 10.25 | 10.26 | 11.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 10.21 | 10.26 | 10.21 | 11.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 10.20 | 10.25 | 10.26 | 11.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 10.22 | 10.24 | 10.21 | 11.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 10.18 | 10.24 | 10.23 | 11.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 10.18 | 10.28 | 10.19 | 11.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 10.18 | 10.30 | 10.22 | 11.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 10.18 | 10.25 | 10.23 | 11.0 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 12.79 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 12.76 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 12.79 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 12.73 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 12.69 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 12.66 | | 13.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 12.69 | | | |
| 100 | QPSK | 1 | 1 | | 12.81 | | 13.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 12.78 | | | |
| 100 | QPSK | 1 | 271 | | 12.74 | | | |
| 100 | QPSK | 135 | 0 | | 12.77 | | 13.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 12.79 | | | |
| 100 | QPSK | 135 | 138 | | 12.75 | | | |
| 100 | QPSK | 270 | 0 | | 12.79 | | 13.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 12.65 | | 13.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 12.66 | | 13.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 12.62 | | 13.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 12.49 | 12.68 | 12.52 | 13.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 12.57 | 12.68 | 12.54 | 13.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 12.49 | 12.66 | 12.52 | 13.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 12.50 | 12.61 | 12.57 | 13.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 12.48 | 12.63 | 12.52 | 13.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 12.52 | 12.59 | 12.53 | 13.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 12.48 | 12.58 | 12.54 | 13.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 12.55 | 12.60 | 12.51 | 13.5 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 16.45 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 16.53 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 16.46 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 16.53 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 16.41 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 16.50 | | 17.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 16.49 | | | |
| 100 | QPSK | 1 | 1 | | 16.55 | | 17.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 16.46 | | | |
| 100 | QPSK | 1 | 271 | | 16.45 | | | |
| 100 | QPSK | 135 | 0 | | 16.42 | | 17.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 16.48 | | | |
| 100 | QPSK | 135 | 138 | | 16.41 | | | |
| 100 | QPSK | 270 | 0 | | 16.40 | | 17.5 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 16.47 | | 17.5 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 16.44 | | 17.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 16.44 | | 17.5 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 16.29 | 16.35 | 16.48 | 17.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 16.30 | 16.36 | 16.49 | 17.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 16.34 | 16.33 | 16.53 | 17.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 16.26 | 16.35 | 16.53 | 17.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 16.33 | 16.37 | 16.40 | 17.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 16.28 | 16.37 | 16.42 | 17.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 16.34 | 16.32 | 16.45 | 17.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 16.34 | 16.36 | 16.52 | 17.5 | 0.0 |

## Reduced Power for DSI 4

### n2_Ant 0

| 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) | | | | 1880 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.69 | 22.90 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.65 | 22.82 | 22.72 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.77 | 22.72 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.31 | 22.35 | 22.19 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.89 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.25 | 22.30 | 22.01 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.25 | 22.33 | 22.17 | | |
| 20 | QPSK | 1 | 1 | 22.90 | 22.93 | 22.68 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.88 | 22.90 | 22.62 | | |
| 20 | QPSK | 1 | 104 | 22.69 | 22.88 | 22.66 | | |
| 20 | QPSK | 50 | 0 | 21.88 | 21.89 | 21.79 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.89 | 22.85 | 22.75 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.75 | 21.79 | 21.74 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.71 | 21.84 | 21.71 | | |
| 20 | 16QAM | 1 | 1 | 21.97 | 22.00 | 21.81 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.32 | 20.39 | 20.33 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.39 | 18.40 | 18.31 | 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 | 22.79 | 22.90 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.75 | 22.78 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.74 | 22.60 | 24.0 | 0.0 |

### n2_Ant 4

| 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) | | | | 1880 | 1880 | 1900 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.84 | 22.92 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.73 | 22.80 | 22.60 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.75 | 22.84 | 22.68 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.26 | 22.30 | 22.26 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.67 | 22.80 | 22.68 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.26 | 22.32 | 22.28 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.32 | 22.35 | 22.29 | | |
| 20 | QPSK | 1 | 1 | 22.85 | 22.95 | 22.81 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.73 | 22.85 | 22.68 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.90 | 22.64 | | |
| 20 | QPSK | 50 | 0 | 21.71 | 21.81 | 21.77 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.80 | 22.90 | 22.68 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.85 | 21.85 | 21.68 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.82 | 21.75 | | |
| 20 | 16QAM | 1 | 1 | 21.92 | 22.00 | 21.88 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.21 | 20.40 | 20.37 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.30 | 18.40 | 18.24 | 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 | 22.71 | 22.84 | 22.73 | 24.0 | 0.0 |
| Channel | | | | 371000 | 376000 | 381000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.83 | 22.67 | 24.0 | 0.0 |
| Channel | | | | 370750 | 376000 | 381250 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 1 | 22.76 | 22.78 | 22.67 | 24.0 | 0.0 |

### n5_Ant 0

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.84 | 22.85 | 22.72 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.59 | 22.77 | 22.62 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.62 | 22.69 | 22.59 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.83 | 21.89 | 21.75 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.63 | 22.82 | 22.61 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.68 | 21.77 | 21.64 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.74 | 21.85 | 21.83 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.92 | 22.73 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.58 | 22.74 | 22.55 | | |
| 20 | QPSK | 1 | 104 | 22.50 | 22.64 | 22.60 | | |
| 20 | QPSK | 50 | 0 | 21.36 | 21.47 | 21.37 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.52 | 22.87 | 22.77 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.11 | 21.38 | 21.14 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.34 | 21.38 | 21.32 | | |
| 20 | 16QAM | 1 | 1 | 21.61 | 21.62 | 21.53 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 19.91 | 19.92 | 19.77 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 17.86 | 17.87 | 17.87 | 19.5 | 4.5 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.75 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 165900 | 167300 | 168700 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.59 | 22.86 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 165650 | 167300 | 168950 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.66 | 24.0 | 0.0 |

### n5_Ant 4

| 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 | | | | 166600 | 167300 | 167900 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.87 | 22.88 | 22.84 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.79 | 22.84 | 22.66 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.64 | 22.85 | 22.77 | | |
| 20 | PI/2 BPSK | 50 | 0 | 21.92 | 22.05 | 21.90 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 22.79 | 22.90 | 22.88 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 21.90 | 21.95 | 21.90 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 21.94 | 22.02 | 21.97 | | |
| 20 | QPSK | 1 | 1 | 22.91 | 22.92 | 22.82 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.66 | 22.85 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.61 | 22.88 | 22.89 | | |
| 20 | QPSK | 50 | 0 | 21.45 | 21.49 | 21.45 | 23.0 | 1.0 |
| 20 | QPSK | 50 | 28 | 22.72 | 22.91 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 50 | 56 | 21.47 | 21.56 | 21.52 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.45 | 21.46 | 21.31 | | |
| 20 | 16QAM | 1 | 1 | 21.74 | 21.85 | 21.68 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.20 | 20.25 | 20.21 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.40 | 18.42 | 18.27 | 19.5 | 4.5 |
| Channel | | | | 166250 | 167300 | 168350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | |
| 15 | QPSK | 1 | 1 | 22.66 | 22.77 | 22.52 | 24.0 | 0.0 |
| Channel | | | | 165900 | 167300 | 168700 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 1 | 22.76 | 22.73 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 165650 | 167300 | 168950 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 1 | 22.68 | 22.86 | 22.71 | 24.0 | 0.0 |

## n7_Ant 1

| 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 | | | | 504000 | 507000 | 510000 | | |
| Frequency [MHz] | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.70 | 22.85 | 22.78 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.65 | 22.93 | 22.64 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.70 | 22.77 | 22.79 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.85 | 21.90 | 21.82 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.69 | 22.92 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.86 | 21.90 | 21.72 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.79 | 21.81 | 21.72 | | |
| 40 | QPSK | 1 | 1 | 22.84 | 22.92 | 22.80 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.69 | 22.75 | 22.69 | | |
| 40 | QPSK | 1 | 214 | 22.87 | 22.80 | 22.74 | | |
| 40 | QPSK | 108 | 0 | 21.35 | 21.50 | 21.34 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.64 | 22.92 | 22.68 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.33 | 21.48 | 21.32 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.41 | 21.42 | 21.32 | | |
| 40 | 16QAM | 1 | 1 | 21.70 | 21.85 | 21.71 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 19.89 | 20.05 | 19.90 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.07 | 18.07 | 18.06 | 19.5 | 4.5 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 22.83 | 22.89 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 22.78 | 22.79 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 22.76 | 22.75 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.68 | 22.83 | 22.66 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.68 | 22.74 | 22.63 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.69 | 22.78 | 22.64 | 24.0 | 0.0 |

## n7_Ant 4(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 | | | | 504000 | 507000 | 510000 | | |
| Frequency [MHz] | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.78 | 22.92 | 22.69 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.72 | 22.89 | 22.74 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.75 | 22.82 | 22.79 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.82 | 21.88 | 21.82 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.79 | 22.86 | 22.70 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.74 | 21.82 | 21.75 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.84 | 21.84 | 21.65 | | |
| 40 | QPSK | 1 | 1 | 22.87 | 22.92 | 22.68 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.74 | 22.89 | 22.87 | | |
| 40 | QPSK | 1 | 214 | 22.73 | 22.90 | 22.71 | | |
| 40 | QPSK | 108 | 0 | 21.42 | 21.59 | 21.45 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.81 | 22.93 | 22.81 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.53 | 21.63 | 21.55 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.38 | 21.57 | 21.49 | | |
| 40 | 16QAM | 1 | 1 | 21.89 | 21.97 | 21.85 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.07 | 20.20 | 20.09 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.07 | 18.16 | 18.16 | 19.5 | 4.5 |
| Channel | | | | 506000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 22.78 | 22.74 | 22.61 | 24.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 22.80 | 22.77 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 22.71 | 22.90 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.80 | 22.82 | 22.72 | 24.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.78 | 22.74 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.68 | 22.81 | 22.74 | 24.0 | 0.0 |

## n26_Ant 0

| 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 | | | | 164850 | 166300 | 167800 | | |
| Frequency [MHz] | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.82 | 22.88 | 22.75 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.69 | 22.82 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.88 | 22.80 | 22.63 | | |
| 20 | PI/2 BPSK | 53 | 0 | 21.73 | 21.80 | 21.79 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 53 | 26 | 22.77 | 22.77 | 22.66 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 53 | 52 | 22.66 | 22.13 | 22.12 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.06 | 22.10 | 21.96 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.93 | 22.72 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.84 | 22.87 | 22.84 | | |
| 20 | QPSK | 1 | 104 | 22.73 | 22.84 | 22.64 | | |
| 20 | QPSK | 53 | 0 | 22.14 | 22.15 | 22.07 | 23.0 | 1.0 |
| 20 | QPSK | 53 | 26 | 22.70 | 22.80 | 22.63 | 24.0 | 0.0 |
| 20 | QPSK | 53 | 52 | 21.65 | 21.70 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.67 | 21.73 | 21.58 | | |
| 20 | 16QAM | 1 | 1 | 21.87 | 22.92 | 22.05 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.53 | 20.15 | 19.98 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.02 | 18.17 | 18.11 | 19.5 | 4.5 |
| Channel | | | | 164253 | 166300 | 168350 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 821.5 | 831.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.65 | 22.86 | 22.53 | 24.0 | 0.0 |
| Channel | | | | 163803 | 166300 | 168800 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 819 | 831.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.54 | 22.80 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 163353 | 166300 | 169250 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 816.5 | 831.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.65 | 22.77 | 22.53 | 24.0 | 0.0 |

## n26_Ant 4

| 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 | | | | 164850 | 166300 | 167800 | | |
| Frequency [MHz] | | | | 824 | 831.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.60 | 22.77 | 22.62 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.75 | 22.75 | 22.75 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.66 | 22.75 | 22.52 | | |
| 20 | PI/2 BPSK | 53 | 0 | 22.19 | 22.30 | 22.22 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 53 | 26 | 22.80 | 22.81 | 22.74 | 24.0 | 0.0 |
| 20 | PI/2 BPSK | 53 | 52 | 22.08 | 22.24 | 22.39 | 23.5 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 22.02 | 22.20 | 22.07 | | |
| 20 | QPSK | 1 | 1 | 22.86 | 22.94 | 22.88 | 24.0 | 0.0 |
| 20 | QPSK | 1 | 53 | 22.75 | 22.88 | 22.70 | | |
| 20 | QPSK | 1 | 104 | 22.77 | 22.90 | 22.85 | | |
| 20 | QPSK | 53 | 0 | 21.68 | 21.80 | 21.63 | 23.0 | 1.0 |
| 20 | QPSK | 53 | 26 | 22.70 | 22.85 | 22.84 | 24.0 | 0.0 |
| 20 | QPSK | 53 | 52 | 21.70 | 21.75 | 21.72 | 23.0 | 1.0 |
| 20 | QPSK | 100 | 0 | 21.61 | 21.82 | 21.67 | | |
| 20 | 16QAM | 1 | 1 | 21.91 | 22.02 | 22.02 | 23.0 | 1.0 |
| 20 | 64QAM | 1 | 1 | 20.36 | 20.46 | 20.43 | 21.5 | 2.5 |
| 20 | 256QAM | 1 | 1 | 18.54 | 18.55 | 18.41 | 19.5 | 4.5 |
| Channel | | | | 164253 | 166300 | 168350 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 821.5 | 831.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.68 | 22.85 | 22.62 | 24.0 | 0.0 |
| Channel | | | | 163803 | 166300 | 168800 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 819 | 831.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.66 | 22.91 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 163353 | 166300 | 169250 | Tune-up limit | MPR |
| Frequency [MHz] | | | | 816.5 | 831.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.66 | 22.95 | 22.86 | 24.0 | 0.0 |

## n66_Ant 0

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.69 | 22.80 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.59 | 22.77 | 22.55 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.62 | 22.70 | 22.59 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.98 | 22.02 | 21.97 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.39 | 22.59 | 22.32 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 21.91 | 22.10 | 22.00 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.93 | 22.10 | 22.05 | | |
| 40 | QPSK | 1 | 1 | 22.80 | 22.83 | 22.83 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.57 | 22.75 | 22.63 | | |
| 40 | QPSK | 1 | 214 | 22.55 | 22.67 | 22.61 | | |
| 40 | QPSK | 108 | 0 | 21.45 | 21.60 | 21.58 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.46 | 22.58 | 22.47 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 21.61 | 21.70 | 21.52 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.50 | 21.68 | 21.50 | | |
| 40 | 16QAM | 1 | 1 | 21.78 | 21.81 | 21.66 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.08 | 20.12 | 20.07 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 17.93 | 18.08 | 18.07 | 19.0 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.73 | 22.75 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.83 | 22.64 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1707.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.61 | 22.76 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1705 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.64 | 22.80 | 22.65 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1702.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.71 | 22.81 | 22.76 | 24.0 | 0.0 |

## n66_Ant 4

| 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 | | | | 346000 | 349000 | 352000 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1760 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.75 | 22.76 | 22.78 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 22.63 | 22.75 | 22.68 | | |
| 40 | PI/2 BPSK | 1 | 214 | 22.57 | 22.70 | 22.67 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.28 | 22.35 | 22.30 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 22.72 | 22.81 | 22.62 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.46 | 22.60 | 22.55 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 21.59 | 21.50 | 21.61 | | |
| 40 | QPSK | 1 | 1 | 22.82 | 22.90 | 22.73 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 22.84 | 22.85 | 22.62 | | |
| 40 | QPSK | 1 | 214 | 22.75 | 22.82 | 22.73 | | |
| 40 | QPSK | 108 | 0 | 21.65 | 21.82 | 21.92 | 23.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 22.71 | 22.85 | 22.78 | 24.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.06 | 22.10 | 22.04 | 23.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 21.09 | 21.10 | 21.07 | | |
| 40 | 16QAM | 1 | 1 | 21.87 | 22.00 | 21.84 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.36 | 20.46 | 20.36 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.55 | 18.68 | 18.68 | 19.5 | 4.5 |
| Channel | | | | 345000 | 349000 | 353000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1765 | | |
| 30 | QPSK | 1 | 1 | 22.72 | 22.86 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 344000 | 349000 | 354000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 1 | 22.75 | 22.80 | 22.58 | 24.0 | 0.0 |
| Channel | | | | 343500 | 349000 | 354500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1707.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 1 | 22.81 | 22.73 | 22.66 | 24.0 | 0.0 |
| Channel | | | | 343000 | 349000 | 355000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1705 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 1 | 22.73 | 22.72 | 22.69 | 24.0 | 0.0 |
| Channel | | | | 342500 | 349000 | 355500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1702.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 1 | 22.62 | 22.80 | 22.65 | 24.0 | 0.0 |

## n38_Ant 4

| 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 | | | | 517998 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2589.99 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.68 | 22.77 | 22.66 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 22.63 | 22.76 | 22.61 | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.88 | 22.81 | 22.80 | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.10 | 22.25 | 22.19 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 22.76 | 22.82 | 22.70 | 24.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 22.21 | 22.40 | 22.32 | 23.5 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 22.18 | 22.35 | 22.34 | | |
| 40 | QPSK | 1 | 1 | 22.83 | 22.89 | 22.76 | 24.0 | 0.0 |
| 40 | QPSK | 1 | 53 | 22.79 | 22.81 | 22.77 | | |
| 40 | QPSK | 1 | 104 | 22.82 | 22.88 | 22.79 | | |
| 40 | QPSK | 50 | 0 | 22.10 | 22.05 | 22.02 | 24.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 22.62 | 22.80 | 22.76 | | |
| 40 | QPSK | 50 | 56 | 22.04 | 22.15 | 22.04 | | |
| 40 | QPSK | 100 | 0 | 21.71 | 21.85 | 21.69 | 23.0 | 1.0 |
| 40 | 16QAM | 1 | 1 | 21.71 | 21.86 | 21.73 | 23.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.12 | 20.31 | 20.12 | 21.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 18.08 | 18.22 | 18.13 | 19.5 | 4.5 |
| Channel | | | | 517002 | 519000 | 521004 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2605.02 | | |
| 30 | QPSK | 1 | 1 | 22.77 | 22.79 | 22.62 | 24.0 | 0.0 |
| Channel | | | | 516504 | 519000 | 521502 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2582.52 | 2595 | 2607.51 | | |
| 20 | QPSK | 1 | 1 | 22.70 | 22.87 | 22.76 | 24.0 | 0.0 |

## n41_Ant 4

| 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 | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.75 | 22.88 | 22.70 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 22.66 | 22.82 | 22.75 | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.81 | 22.86 | 22.80 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.32 | 22.35 | 22.31 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 22.87 | 22.88 | 22.76 | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 22.30 | 22.40 | 22.37 | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 22.29 | 22.30 | 22.13 | | |
| 100 | QPSK | 1 | 1 | 22.82 | 22.90 | 22.85 | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | 22.78 | 22.85 | 22.85 | | |
| 100 | QPSK | 1 | 271 | 22.74 | 22.88 | 22.88 | | |
| 100 | QPSK | 135 | 0 | 22.00 | 22.10 | 22.00 | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.75 | 22.87 | 22.77 | | |
| 100 | QPSK | 135 | 138 | 22.05 | 22.12 | 22.07 | | |
| 100 | QPSK | 270 | 0 | 21.81 | 21.89 | 21.86 | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | 22.05 | 22.15 | 22.01 | 23.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | 20.12 | 20.25 | 20.24 | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | 18.12 | 18.23 | 18.16 | 19.5 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 22.63 | 22.77 | 22.67 | 24.0 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 22.79 | 22.86 | 22.85 | 24.0 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 22.66 | 22.78 | 22.68 | 24.0 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 22.77 | 22.85 | 22.76 | 24.0 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 22.67 | 22.78 | 22.77 | 24.0 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.73 | 22.72 | 22.72 | 24.0 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.69 | 22.79 | 22.71 | 24.0 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.75 | 22.82 | 24.0 | 0.0 |

## Part27Q n78_Ant 5

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 22.78 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 22.82 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.77 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 21.71 | | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 22.79 | | 24.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 21.71 | | 23.5 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 21.67 | | | |
| 100 | QPSK | 1 | 1 | | 22.85 | | 24.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 22.80 | | | |
| 100 | QPSK | 1 | 271 | | 22.81 | | | |
| 100 | QPSK | 135 | 0 | | 21.58 | | 24.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 22.74 | | | |
| 100 | QPSK | 135 | 138 | | 21.67 | | | |
| 100 | QPSK | 270 | 0 | | 21.04 | | 23.0 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 21.13 | | 23.0 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 19.71 | | 21.5 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 17.73 | | 19.5 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 22.82 | 22.83 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 22.75 | 22.69 | 22.81 | 24.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 22.75 | 22.73 | 22.83 | 24.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 22.66 | 22.77 | 22.82 | 24.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 22.76 | 22.71 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 22.76 | 22.75 | 22.74 | 24.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 22.75 | 22.83 | 22.70 | 24.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 22.80 | 22.72 | 22.70 | 24.0 | 0.0 |

## Part27Q n78_Ant 2(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 15.11 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 15.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 15.10 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 15.09 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 15.03 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 15.08 | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 15.03 | | | |
| 100 | QPSK | 1 | 1 | | 15.16 | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 15.02 | | | |
| 100 | QPSK | 1 | 271 | | 15.01 | | | |
| 100 | QPSK | 135 | 0 | | 15.04 | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 15.11 | | | |
| 100 | QPSK | 135 | 138 | | 15.09 | | | |
| 100 | QPSK | 270 | 0 | | 15.04 | | 16.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 15.05 | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 15.05 | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | | 15.12 | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 15.02 | 14.98 | 15.13 | 16.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 15.00 | 14.96 | 15.09 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 14.97 | 14.92 | 15.09 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 15.03 | 14.92 | 15.05 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 15.01 | 14.92 | 15.05 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 15.05 | 14.97 | 15.12 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 15.00 | 15.07 | 14.80 | 16.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.99 | 15.04 | 14.81 | 16.0 | 0.0 |

## Part27Q n78_Ant 8(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 20.18 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 20.20 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 20.16 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.22 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | | 20.14 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.22 | | 21.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.33 | | | |
| 100 | QPSK | 1 | 1 | | 20.35 | | 21.0 | 0.0 |
| 100 | QPSK | 1 | 137 | | 20.30 | | | |
| 100 | QPSK | 1 | 271 | | 20.20 | | | |
| 100 | QPSK | 135 | 0 | | 20.31 | | 21.0 | 0.0 |
| 100 | QPSK | 135 | 69 | | 20.33 | | | |
| 100 | QPSK | 135 | 138 | | 20.21 | | | |
| 100 | QPSK | 270 | 0 | | 20.27 | | 21.0 | 0.0 |
| 100 | 16QAM | 1 | 1 | | 20.20 | | 21.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | | 18.22 | | 20.0 | 1.0 |
| 100 | 256QAM | 1 | 1 | | 16.22 | | 18.0 | 3.0 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 19.91 | 20.00 | 19.84 | 21.0 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 19.93 | 19.98 | 19.91 | 21.0 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 19.89 | 19.98 | 19.87 | 21.0 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 19.96 | 19.95 | 19.86 | 21.0 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 19.93 | 20.00 | 19.90 | 21.0 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 19.94 | 19.97 | 19.86 | 21.0 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 19.95 | 19.96 | 19.92 | 21.0 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 19.95 | 19.95 | 19.90 | 21.0 | 0.0 |

## Part27Q n78_Ant 1(SRS)

| 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 | | | | | 633332 | | | |
| Frequency (MHz) | | | | | 3499.98 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | | 21.53 | | | |
| 100 | PI/2 BPSK | 1 | 271 | | 21.31 | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 20.06 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | | 21.59 | | 22.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | | 20.09 | | 22.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | | 20.02 | | | |
| 100 | QPSK | 1 | 1 | | 21.67 | | 22.5 | 0.0 |
| 100 | QPSK | 1 | 137 | | 21.65 | | | |
| 100 | QPSK | 1 | 271 | | 20.93 | | | |
| 100 | QPSK | 135 | 0 | | 19.61 | | 22.5 | 0.0 |
| 100 | QPSK | 135 | 69 | | 21.52 | | | |
| 100 | QPSK | 135 | 138 | | 19.57 | | | |
| 100 | QPSK | 270 | 0 | | 19.57 | | 21.5 | 1.0 |
| 100 | 16QAM | 1 | 1 | | 19.55 | | 21.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | | 18.06 | | 20.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | | 16.00 | | 18.0 | 4.5 |
| Channel | | | | 633000 | 633332 | 633666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3499.98 | 3504.99 | | |
| 90 | QPSK | 1 | 1 | 21.57 | 21.55 | 21.60 | 22.5 | 0.0 |
| Channel | | | | 632668 | 633332 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3499.98 | 3510 | | |
| 80 | QPSK | 1 | 1 | 21.58 | 21.53 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 632334 | 633332 | 634332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3499.98 | 3514.98 | | |
| 70 | QPSK | 1 | 1 | 21.58 | 21.60 | 21.57 | 22.5 | 0.0 |
| Channel | | | | 632000 | 633332 | 634666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3499.98 | 3519.99 | | |
| 60 | QPSK | 1 | 1 | 21.60 | 21.48 | 21.50 | 22.5 | 0.0 |
| Channel | | | | 631668 | 633332 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3499.98 | 3525 | | |
| 50 | QPSK | 1 | 1 | 21.49 | 21.55 | 21.65 | 22.5 | 0.0 |
| Channel | | | | 631334 | 633332 | 635332 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3499.98 | 3529.98 | | |
| 40 | QPSK | 1 | 1 | 21.65 | 21.60 | 21.59 | 22.5 | 0.0 |
| Channel | | | | 631000 | 633332 | 635666 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3499.98 | 3534.99 | | |
| 30 | QPSK | 1 | 1 | 21.48 | 21.56 | 21.48 | 22.5 | 0.0 |
| Channel | | | | 630668 | 633332 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3499.98 | 3540 | | |
| 20 | QPSK | 1 | 1 | 21.57 | 21.60 | 21.63 | 22.5 | 0.0 |

# WLAN/Bluetooth Power

**<WLAN 2.4GHz_FCC>**

| 2.4GHz WLAN_Ant 6 | | | | FULL Power | | Head Standalone | | Head Simultaneous | | Hotspot | | Handheld Standalone | | Handheld Simultaneous | | Body Standalone | | Body Simultaneous | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 19.60 | 21.00 | 18.00 | 17.00 | 11.70 | 13.00 | 16.50 | 18.00 | 19.60 | 21.00 | 19.00 | 20.50 | 18.00 | 19.50 | 14.20 | 15.50 | 97.46 |
| | | 6 | 2437 | 19.50 | 21.00 | 15.90 | 17.00 | 11.60 | 13.00 | 16.40 | 18.00 | 19.50 | 21.00 | 18.90 | 20.50 | 17.90 | 19.50 | 14.10 | 15.50 | |
| | | 11 | 2462 | 19.50 | 21.00 | 15.90 | 17.00 | 11.50 | 13.00 | 16.40 | 18.00 | 19.50 | 21.00 | 18.90 | 20.50 | 17.90 | 19.50 | 14.00 | 15.50 | |
| | 802.11g 6Mbps | 1 | 2412 | 18.70 | 20.00 | Not Required | 17.00 | Not Required | 13.00 | Not Required | 18.00 | 18.70 | 20.00 | Not Required | 20.00 | Not Required | 19.50 | Not Required | 15.50 | 97.31 |
| | | 6 | 2437 | 18.70 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.70 | 20.00 | | 20.00 | | 19.50 | | 15.50 | |
| | | 11 | 2462 | 18.70 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.70 | 20.00 | | 20.00 | | 19.50 | | 15.50 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 18.07 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.07 | 20.00 | | 20.00 | | 19.50 | | 15.50 | 94.74 |
| | | 6 | 2437 | 18.46 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.46 | 20.00 | | 20.00 | | 19.50 | | 15.50 | |
| | | 11 | 2462 | 17.53 | 19.50 | | 17.00 | | 13.00 | | 18.00 | 17.53 | 19.50 | | 19.50 | | 19.50 | | 15.50 | |
| | 802.11n-HT40 MCS0 | 3 | 2422 | 14.80 | 16.50 | | 16.50 | | 13.00 | | 16.50 | 14.80 | 16.50 | | 16.50 | | 16.50 | | 15.50 | 89.60 |
| | | 6 | 2437 | 16.12 | 18.00 | | 17.00 | | 13.00 | | 18.00 | 16.12 | 18.00 | | 18.00 | | 18.00 | | 15.50 | |
| | | 9 | 2452 | 16.21 | 16.50 | | 16.50 | | 13.00 | | 16.50 | 16.21 | 16.50 | | 16.50 | | 16.50 | | 15.50 | |
| | 802.11ac-VHT20 MCS0 | 1 | 2412 | 18.40 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.40 | 20.00 | | 20.00 | | 19.50 | | 15.50 | 94.74 |
| | | 6 | 2437 | 18.80 | 20.00 | | 17.00 | | 13.00 | | 18.00 | 18.80 | 20.00 | | 20.00 | | 19.50 | | 15.50 | |
| | | 11 | 2462 | 17.70 | 19.50 | | 17.00 | | 13.00 | | 18.00 | 17.70 | 19.50 | | 19.50 | | 19.50 | | 15.50 | |
| | 802.11ac-VHT40 MCS0 | 3 | 2422 | 15.20 | 16.50 | | 16.50 | | 13.00 | | 16.50 | 15.20 | 16.50 | | 16.50 | | 16.50 | | 15.50 | 89.60 |
| | | 6 | 2437 | 16.50 | 18.00 | | 17.00 | | 13.00 | | 18.00 | 16.50 | 18.00 | | 18.00 | | 18.00 | | 15.50 | |
| | | 9 | 2452 | 15.60 | 16.50 | | 16.50 | | 13.00 | | 16.50 | 15.60 | 16.50 | | 16.50 | | 16.50 | | 15.50 | |

**<WLAN 5GHz_FCC>**

| 5.2GHz WLAN_Ant 6 | | | | FULL Power | | Head Standalone | | Head Simultaneous | | Hotspot | | Handheld Standalone | | Handheld Simultaneous | | Body Standalone | | Body Simultaneous | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 17.79 | 19.50 | Not Required | 13.00 | Not Required | 8.50 | Not Required | 13.00 | 17.79 | 19.50 | Not Required | 15.50 | Not Required | 13.00 | Not Required | 8.50 | 97.46 |
| | | 40 | 5200 | 17.66 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.66 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 44 | 5220 | 17.70 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.70 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 48 | 5240 | 17.68 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.68 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 17.80 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.80 | 19.50 | | 15.50 | | 13.00 | | 8.50 | 97.31 |
| | | 40 | 5200 | 17.72 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.72 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 44 | 5220 | 17.75 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.75 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 48 | 5240 | 17.70 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.70 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 16.25 | 18.00 | | 13.00 | | 8.50 | | 13.00 | 16.25 | 18.00 | | 15.50 | | 13.00 | | 8.50 | 94.74 |
| | | 46 | 5230 | 16.23 | 18.00 | | 13.00 | | 8.50 | | 13.00 | 16.23 | 18.00 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 17.84 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.84 | 19.50 | | 15.50 | | 13.00 | | 8.50 | 97.31 |
| | | 40 | 5200 | 17.71 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.71 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 44 | 5220 | 17.80 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.80 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 48 | 5240 | 17.78 | 19.50 | | 13.00 | | 8.50 | | 13.00 | 17.78 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 16.32 | 18.00 | | 13.00 | | 8.50 | | 13.00 | 16.32 | 18.00 | | 15.50 | | 13.00 | | 8.50 | 94.74 |
| | | 46 | 5230 | 16.29 | 18.00 | | 13.00 | | 8.50 | | 13.00 | 16.29 | 18.00 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 14.84 | 16.50 | 11.75 | 13.00 | 6.89 | 8.50 | 11.42 | 13.00 | 14.84 | 16.50 | 13.78 | 15.50 | 11.42 | 13.00 | 6.89 | 8.50 | 89.60 |

| 5.3GHz WLAN_Ant 6 | | | | FULL Power | | Head Standalone | | Head Simultaneous | | Handheld Standalone | | Handheld Simultaneous | | Body Standalone | | Body Simultaneous | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 17.81 | 19.50 | Not Required | 13.00 | Not Required | 8.50 | 17.81 | 19.50 | Not Required | 15.50 | Not Required | 13.00 | Not Required | 8.50 | 97.46 |
| | | 56 | 5280 | 17.75 | 19.50 | | 13.00 | | 8.50 | 17.75 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 60 | 5300 | 18.32 | 19.50 | | 13.00 | | 8.50 | 18.32 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 64 | 5320 | 18.41 | 19.50 | | 13.00 | | 8.50 | 18.41 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 17.85 | 19.50 | | 13.00 | | 8.50 | 17.85 | 19.50 | | 15.50 | | 13.00 | | 8.50 | 97.31 |
| | | 56 | 5280 | 17.82 | 19.50 | | 13.00 | | 8.50 | 17.82 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 60 | 5300 | 18.29 | 19.50 | | 13.00 | | 8.50 | 18.29 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 64 | 5320 | 18.40 | 19.50 | | 13.00 | | 8.50 | 18.40 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 16.22 | 18.00 | | 13.00 | | 8.50 | 16.22 | 18.00 | | 15.50 | | 13.00 | | 8.50 | 94.74 |
| | | 62 | 5310 | 16.69 | 18.00 | | 13.00 | | 8.50 | 16.69 | 18.00 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 17.95 | 19.50 | | 13.00 | | 8.50 | 17.95 | 19.50 | | 15.50 | | 13.00 | | 8.50 | 97.31 |
| | | 56 | 5280 | 17.92 | 19.50 | | 13.00 | | 8.50 | 17.92 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 60 | 5300 | 18.39 | 19.50 | | 13.00 | | 8.50 | 18.39 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | | 64 | 5320 | 18.50 | 19.50 | | 13.00 | | 8.50 | 18.50 | 19.50 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 16.31 | 18.00 | | 13.00 | | 8.50 | 16.31 | 18.00 | | 15.50 | | 13.00 | | 8.50 | 94.74 |
| | | 62 | 5310 | 16.76 | 18.00 | | 13.00 | | 8.50 | 16.76 | 18.00 | | 15.50 | | 13.00 | | 8.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 15.30 | 17.00 | 11.72 | 13.00 | 6.83 | 8.50 | 15.30 | 17.00 | 13.67 | 15.50 | 11.25 | 13.00 | 6.83 | 8.50 | 89.60 |

| 5.5GHz WLAN_Ant 6 | | | | FULL Power | | Head Standalone | | Head Simultaneous | | Handheld Standalone | | Handheld Simultaneous | | Body Standalone | | Body Simultaneous | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 18.23 | 20.00 | Not Required | 15.00 | Not Required | 10.50 | 18.23 | 20.00 | Not Required | 15.50 | Not Required | 16.50 | Not Required | 12.00 | 97.46 |
| | | 116 | 5580 | 18.38 | 20.00 | | 15.00 | | 10.50 | 18.38 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 124 | 5620 | 18.32 | 20.00 | | 15.00 | | 10.50 | 18.32 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 132 | 5660 | 18.26 | 20.00 | | 15.00 | | 10.50 | 18.26 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 140 | 5700 | 18.29 | 20.00 | | 15.00 | | 10.50 | 18.29 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 144 | 5720 | 18.25 | 20.00 | | 15.00 | | 10.50 | 18.25 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 18.25 | 20.00 | | 15.00 | | 10.50 | 18.25 | 20.00 | | 15.50 | | 16.50 | | 12.00 | 97.31 |
| | | 116 | 5580 | 18.35 | 20.00 | | 15.00 | | 10.50 | 18.35 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 124 | 5620 | 18.30 | 20.00 | | 15.00 | | 10.50 | 18.30 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 132 | 5660 | 18.27 | 20.00 | | 15.00 | | 10.50 | 18.27 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 140 | 5700 | 18.22 | 20.00 | | 15.00 | | 10.50 | 18.22 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 144 | 5720 | 18.45 | 20.00 | | 15.00 | | 10.50 | 18.45 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 16.65 | 18.50 | | 15.00 | | 10.50 | 16.65 | 18.50 | | 15.50 | | 16.50 | | 12.00 | 94.74 |
| | | 110 | 5550 | 16.76 | 18.50 | | 15.00 | | 10.50 | 16.76 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 126 | 5630 | 16.70 | 18.50 | | 15.00 | | 10.50 | 16.70 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 134 | 5670 | 16.66 | 18.50 | | 15.00 | | 10.50 | 16.66 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 142 | 5710 | 16.56 | 18.50 | | 15.00 | | 10.50 | 16.56 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 18.31 | 20.00 | | 15.00 | | 10.50 | 18.31 | 20.00 | | 15.50 | | 16.50 | | 12.00 | 97.31 |
| | | 116 | 5580 | 18.42 | 20.00 | | 15.00 | | 10.50 | 18.42 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 124 | 5620 | 18.36 | 20.00 | | 15.00 | | 10.50 | 18.36 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 132 | 5660 | 18.34 | 20.00 | | 15.00 | | 10.50 | 18.34 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 140 | 5700 | 18.39 | 20.00 | | 15.00 | | 10.50 | 18.39 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 144 | 5720 | 18.33 | 20.00 | | 15.00 | | 10.50 | 18.33 | 20.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 16.68 | 18.50 | | 15.00 | | 10.50 | 16.68 | 18.50 | | 15.50 | | 16.50 | | 12.00 | 94.74 |
| | | 110 | 5550 | 16.89 | 18.50 | | 15.00 | | 10.50 | 16.89 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 126 | 5630 | 16.75 | 18.50 | | 15.00 | | 10.50 | 16.75 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 134 | 5670 | 16.79 | 18.50 | | 15.00 | | 10.50 | 16.79 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | | 142 | 5710 | 16.64 | 18.50 | | 15.00 | | 10.50 | 16.64 | 18.50 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 14.69 | 16.50 | 13.08 | 15.00 | 8.75 | 10.50 | 14.69 | 16.50 | 13.52 | 15.50 | 14.69 | 16.50 | 10.18 | 12.00 | 89.60 |
| | | 122 | 5610 | 16.75 | 18.50 | 13.28 | 15.00 | 8.83 | 10.50 | 16.75 | 18.50 | 13.73 | 15.50 | 14.85 | 16.50 | 10.27 | 12.00 | |
| | | 138 | 5690 | 16.63 | 18.50 | 13.17 | 15.00 | 8.69 | 10.50 | 16.63 | 18.50 | 13.64 | 15.50 | 14.57 | 16.50 | 10.14 | 12.00 | |

| 5.8GHz WLAN_Ant 6 | | | | FULL Power | | Head Standalone | | Head Simultaneous | | Hotspot | | Handheld Standalone | | Handheld Simultaneous | | Body Standalone | | Body Simultaneous | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 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 % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 17.40 | 19.00 | Not Required | 15.00 | Not Required | 11.00 | Not Required | 13.00 | 17.40 | 19.00 | Not Required | 15.50 | Not Required | 16.50 | Not Required | 12.00 | 97.46 |
| | | 157 | 5785 | 17.27 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.27 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 165 | 5825 | 17.19 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.19 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 17.46 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.46 | 19.00 | | 15.50 | | 16.50 | | 12.00 | 97.31 |
| | | 157 | 5785 | 17.35 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.35 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 165 | 5825 | 17.39 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.39 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 16.57 | 17.50 | | 15.00 | | 11.00 | | 13.00 | 16.57 | 17.50 | | 15.50 | | 16.50 | | 12.00 | 94.74 |
| | | 159 | 5795 | 16.03 | 17.50 | | 15.00 | | 11.00 | | 13.00 | 16.03 | 17.50 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 17.43 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.43 | 19.00 | | 15.50 | | 16.50 | | 12.00 | 97.31 |
| | | 157 | 5785 | 17.32 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.32 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | | 165 | 5825 | 17.23 | 19.00 | | 15.00 | | 11.00 | | 13.00 | 17.23 | 19.00 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 16.04 | 17.50 | | 15.00 | | 11.00 | | 13.00 | 16.04 | 17.50 | | 15.50 | | 16.50 | | 12.00 | 94.74 |
| | | 159 | 5795 | 15.50 | 17.50 | | 15.00 | | 11.00 | | 13.00 | 15.50 | 17.50 | | 15.50 | | 16.50 | | 12.00 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 15.72 | 17.50 | 13.28 | 15.00 | 9.28 | 11.00 | 11.31 | 13.00 | 15.72 | 17.50 | 13.86 | 15.50 | 14.81 | 16.50 | 10.32 | 12.00 | 89.60 |

| BT BR/EDR | | | Ant 6 | | |
|---|---|---|---|---|---|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
| | | | DH5 | 2DH5 | 3DH5 |
| BR / EDR | CH 00 | 2402 | 12.30 | 10.70 | 10.70 |
| | CH 39 | 2441 | 12.50 | 10.90 | 10.90 |
| | CH 78 | 2480 | 12.20 | 11.00 | 11.00 |
| Tune-up Limit | | | 14 | 12.5 | 12.5 |

| BT BR/EDR Simultaneous | | | Ant 6 | | |
|---|---|---|---|---|---|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
| | | | DH5 | 2DH5 | 3DH5 |
| BR / EDR | CH 00 | 2402 | 9.60 | 7.00 | 7.00 |
| | CH 39 | 2441 | 10.20 | 7.90 | 7.90 |
| | CH 78 | 2480 | 10.00 | 7.70 | 7.70 |
| Tune-up Limit | | | 11 | 9.5 | 9.5 |

| BLE_1M/2M | | | Ant 6 | |
|---|---|---|---|---|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | |
| | | | 1Mbps | 2Mbps |
| LE | CH 00 | 2402 | 6.90 | 6.80 |
| | CH 19 | 2440 | 7.90 | 7.80 |
| | CH 39 | 2480 | 8.60 | 8.50 |
| Tune-up Limit | | | 9 | 9 |