



Full&Default Power for WWAN

| GSM850 Ant0 Default | | | | | | | | |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | 25.00 |
| GSM 1 Tx slot | 32.81 | 32.86 | 32.92 | 34.00 | 23.81 | 23.86 | 23.92 | 25.00 |
| GPRS 1 Tx slot | 32.80 | 32.85 | 32.90 | 34.00 | 23.80 | 23.85 | 23.90 | 25.00 |
| GPRS 2 Tx slots | 29.93 | 29.96 | 29.98 | 31.00 | 23.93 | 23.96 | 23.98 | 25.00 |
| GPRS 3 Tx slots | 28.11 | 28.13 | 28.04 | 29.20 | 23.85 | 23.87 | 23.78 | 24.94 |
| GPRS 4 Tx slots | 27.05 | 27.11 | 26.94 | 28.00 | 24.05 | 24.11 | 23.94 | 25.00 |
| EDGE 1 Tx slot | 26.72 | 26.88 | 26.79 | 28.00 | 17.72 | 17.88 | 17.79 | 19.00 |
| EDGE 2 Tx slots | 23.77 | 23.85 | 23.67 | 25.00 | 17.77 | 17.85 | 17.67 | 19.00 |
| EDGE 3 Tx slots | 21.92 | 22.06 | 21.99 | 23.20 | 17.66 | 17.80 | 17.73 | 18.94 |
| EDGE 4 Tx slots | 20.66 | 20.79 | 20.72 | 22.00 | 17.66 | 17.79 | 17.72 | 19.00 |

| WCDMA V Ant0 Default | | | | | |
|----------------------|-------------------------|-------|-------|---------------------------|-------|
| Band | WCDMA V | | | Tune-up Limit (dBm) | |
| TX Channel | 4132 | 4182 | 4233 | | |
| Rx Channel | 4357 | 4407 | 4458 | | |
| Frequency (MHz) | 832.4 | 833.4 | 846.8 | | |
| 3GPP Rel 99 | AMR 12.2kbps | 24.03 | 24.11 | 24.10 | 25.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 24.05 | 24.12 | 24.11 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.03 | 23.06 | 22.99 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.05 | 23.15 | 22.92 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.62 | 22.45 | 22.63 | 24.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.59 | 22.51 | 22.68 | 24.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.23 | 23.09 | 23.05 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.06 | 23.06 | 22.94 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.67 | 22.55 | 22.48 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.61 | 22.59 | 22.57 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.11 | 23.03 | 23.11 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.26 | 20.98 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.16 | 22.13 | 21.94 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.13 | 21.04 | 20.88 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.15 | 23.11 | 23.15 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.60 | 20.57 | 20.53 | 21.50 |



| Band 5 Ant0 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20450 | 20525 | 20600 | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.49 | 24.40 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.37 | 24.39 | 24.33 | | | | |
| 10 | QPSK | 1 | 49 | 24.21 | 24.34 | 24.20 | | | | |
| 10 | QPSK | 25 | 0 | 24.37 | 24.47 | 24.43 | 25.5 | 0 | | |
| 10 | QPSK | 25 | 12 | 24.42 | 24.42 | 24.42 | | | | |
| 10 | QPSK | 25 | 25 | 24.41 | 24.44 | 24.39 | | | | |
| 10 | QPSK | 50 | 0 | 24.29 | 24.45 | 24.41 | 25.5 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.34 | 24.48 | 24.35 | | | | |
| 10 | 16QAM | 1 | 25 | 24.35 | 24.43 | 24.35 | | | | |
| 10 | 16QAM | 1 | 49 | 24.42 | 24.33 | 24.33 | 24.5 | 1 | | |
| 10 | 16QAM | 25 | 0 | 23.39 | 23.47 | 23.42 | | | | |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.37 | 23.40 | | | | |
| 10 | 16QAM | 25 | 25 | 23.42 | 23.37 | 23.40 | 24.5 | 0 | | |
| 10 | 16QAM | 50 | 0 | 23.36 | 23.49 | 23.39 | | | | |
| 10 | 64QAM | 1 | 0 | 23.52 | 23.58 | 23.46 | | | | |
| 10 | 64QAM | 1 | 25 | 23.53 | 23.47 | 23.44 | 24.5 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.47 | 23.43 | 23.54 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.46 | 22.37 | | | | |
| 10 | 64QAM | 25 | 12 | 22.33 | 22.32 | 22.36 | 23.5 | 2 | | |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.37 | 22.38 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.48 | 22.41 | | | | |
| 10 | 256QAM | 1 | 0 | 19.36 | 19.51 | 19.42 | 20.5 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.40 | 19.46 | 19.46 | | | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.39 | 19.39 | | | | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.40 | 19.38 | 20.5 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.31 | 19.37 | | | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.24 | 19.27 | | | | |
| 10 | 256QAM | 50 | 0 | 19.42 | 19.45 | 19.34 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.37 | 24.34 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.25 | 24.26 | 24.27 | | | | |
| 5 | QPSK | 1 | 24 | 24.08 | 24.22 | 24.12 | | | | |
| 5 | QPSK | 12 | 0 | 24.34 | 24.45 | 24.30 | 25.5 | 0 | | |
| 5 | QPSK | 12 | 7 | 24.33 | 24.39 | 24.32 | | | | |
| 5 | QPSK | 12 | 13 | 24.36 | 24.39 | 24.36 | | | | |
| 5 | QPSK | 25 | 0 | 24.26 | 24.30 | 24.30 | 25.5 | 0 | | |
| 5 | 16QAM | 1 | 0 | 24.23 | 24.37 | 24.25 | | | | |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.33 | 24.28 | | | | |
| 5 | 16QAM | 1 | 24 | 24.33 | 24.19 | 24.26 | 24.5 | 1 | | |
| 5 | 16QAM | 12 | 0 | 23.30 | 23.33 | 23.35 | | | | |
| 5 | 16QAM | 12 | 7 | 23.35 | 23.34 | 23.34 | | | | |
| 5 | 16QAM | 12 | 13 | 23.39 | 23.33 | 23.30 | 24.5 | 1 | | |
| 5 | 16QAM | 25 | 0 | 23.34 | 23.39 | 23.30 | | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.52 | 23.34 | | | | |
| 5 | 64QAM | 1 | 12 | 23.39 | 23.34 | 23.28 | 24.5 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.37 | 23.35 | 23.46 | | | | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.39 | 22.23 | | | | |
| 5 | 64QAM | 12 | 7 | 22.23 | 22.23 | 22.30 | 23.5 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.33 | 22.23 | | | | |
| 5 | 64QAM | 25 | 0 | 22.30 | 22.42 | 22.38 | | | | |
| 5 | 256QAM | 1 | 0 | 19.34 | 19.40 | 19.31 | 20.5 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.39 | 19.30 | | | | |
| 5 | 256QAM | 1 | 24 | 19.35 | 19.24 | 19.28 | | | | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.26 | 19.34 | 20.5 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.29 | 19.15 | 19.35 | | | | |
| 5 | 256QAM | 12 | 13 | 19.24 | 19.21 | 19.13 | | | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.38 | 19.25 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.28 | 24.45 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 8 | 24.32 | 24.28 | 24.21 | | | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.20 | 24.11 | | | | |
| 3 | QPSK | 8 | 0 | 24.31 | 24.41 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 8 | 4 | 24.40 | 24.38 | 24.40 | | | | |
| 3 | QPSK | 8 | 7 | 24.33 | 24.29 | 24.30 | | | | |
| 3 | QPSK | 15 | 0 | 24.20 | 24.35 | 24.30 | 25.5 | 0 | | |
| 3 | 16QAM | 1 | 0 | 24.21 | 24.39 | 24.31 | | | | |
| 3 | 16QAM | 1 | 8 | 24.29 | 24.30 | 24.28 | | | | |
| 3 | 16QAM | 1 | 14 | 24.36 | 24.28 | 24.24 | 24.5 | 1 | | |
| 3 | 16QAM | 8 | 0 | 23.36 | 23.41 | 23.29 | | | | |
| 3 | 16QAM | 8 | 4 | 23.29 | 23.32 | 23.25 | | | | |
| 3 | 16QAM | 8 | 7 | 23.33 | 23.29 | 23.30 | 24.5 | 1 | | |
| 3 | 16QAM | 15 | 0 | 23.31 | 23.39 | 23.24 | | | | |
| 3 | 64QAM | 1 | 0 | 23.44 | 23.45 | 23.32 | | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.34 | 23.29 | 23.5 | 2 | | |
| 3 | 64QAM | 1 | 14 | 23.32 | 23.33 | 23.44 | | | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.40 | 22.25 | | | | |
| 3 | 64QAM | 8 | 4 | 22.25 | 22.29 | 22.21 | 20.5 | 5 | | |
| 3 | 64QAM | 8 | 7 | 22.30 | 22.27 | 22.29 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.44 | 22.34 | | | | |
| 3 | 256QAM | 1 | 0 | 19.25 | 19.37 | 19.31 | 20.5 | 5 | | |
| 3 | 256QAM | 1 | 8 | 19.37 | 19.43 | 19.43 | | | | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.36 | 19.29 | | | | |
| 3 | 256QAM | 8 | 0 | 19.29 | 19.25 | 19.34 | 20.5 | 5 | | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.17 | 19.32 | | | | |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.08 | 19.14 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.33 | 19.23 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.44 | 24.34 | 25.5 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.26 | 24.30 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.16 | 24.31 | 24.07 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.36 | 24.36 | 25.5 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 24.39 | 24.30 | 24.39 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.30 | 24.34 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.16 | 24.31 | 24.36 | 24.5 | 1 | | |
| 1.4 | 16QAM | 1 | 0 | 24.29 | 24.35 | 24.25 | | | | |
| 1.4 | 16QAM | 1 | 3 | 24.25 | 24.40 | 24.32 | | | | |
| 1.4 | 16QAM | 1 | 5 | 24.35 | 24.18 | 24.24 | 25.5 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 24.25 | 24.43 | 24.36 | | | | |
| 1.4 | 16QAM | 3 | 1 | 24.35 | 24.32 | 24.37 | | | | |
| 1.4 | 16QAM | 3 | 3 | 24.37 | 24.33 | 24.34 | 24.5 | 1 | | |
| 1.4 | 16QAM | 6 | 0 | 23.32 | 23.39 | 23.29 | | | | |
| 1.4 | 64QAM | 1 | 0 | 23.49 | 23.41 | 23.35 | | | | |
| 1.4 | 64QAM | 1 | 3 | 23.45 | 23.43 | 23.33 | 23.5 | 2 | | |
| 1.4 | 64QAM | 1 | 5 | 23.36 | 23.40 | 23.41 | | | | |
| 1.4 | 64QAM | 3 | 0 | 23.29 | 23.37 | 23.29 | | | | |
| 1.4 | 64QAM | 3 | 1 | 23.19 | 23.18 | 23.33 | 20.5 | 5 | | |
| 1.4 | 64QAM | 3 | 3 | 23.35 | 23.25 | 23.26 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.37 | 22.35 | 22.26 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.31 | 19.46 | 19.39 | 20.5 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.41 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.35 | 19.30 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.29 | 19.34 | 20.5 | 5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.23 | 19.22 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.16 | 19.09 | 19.16 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.32 | 19.32 | 19.19 | 20.5 | 5 | | |



GSM850 Ant1 Default

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | 25.00 |
| GSM 1 Tx slot | 32.66 | 32.68 | 32.63 | 34.00 | 23.66 | 23.68 | 23.63 | 25.00 |
| GPRS 1 Tx slot | 32.65 | 32.67 | 32.61 | 34.00 | 23.65 | 23.67 | 23.61 | 25.00 |
| GPRS 2 Tx slots | 29.68 | 29.60 | 29.53 | 31.00 | 23.68 | 23.60 | 23.53 | 25.00 |
| GPRS 3 Tx slots | 27.71 | 27.69 | 27.69 | 29.20 | 23.45 | 23.43 | 23.43 | 24.94 |
| GPRS 4 Tx slots | 26.51 | 26.54 | 26.45 | 28.00 | 23.51 | 23.54 | 23.45 | 25.00 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.43 | 28.00 | 17.50 | 17.59 | 17.43 | 19.00 |
| EDGE 2 Tx slots | 23.63 | 23.69 | 23.59 | 25.00 | 17.63 | 17.69 | 17.59 | 19.00 |
| EDGE 3 Tx slots | 21.82 | 21.95 | 21.78 | 23.20 | 17.56 | 17.69 | 17.52 | 18.94 |
| EDGE 4 Tx slots | 20.52 | 20.57 | 20.46 | 22.00 | 17.52 | 17.57 | 17.46 | 18.00 |

WCDMA V Ant1 Default

| Band TX Channel | WCDMA V | | | Tune-up Limit (dBm) |
|------------------------------------|---------|-------|-------|---------------------------|
| | 4132 | 4182 | 4233 | |
| Rx Channel | 4367 | 4407 | 4458 | |
| Frequency (MHz) | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 24.07 | 24.11 | 24.06 | 25.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 24.08 | 24.13 | 24.07 | 25.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 23.00 | 23.02 | 23.03 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.92 | 23.11 | 23.01 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.99 | 22.47 | 22.67 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.57 | 22.66 | 22.68 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.15 | 23.20 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 23.03 | 23.12 | 22.97 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.67 | 22.56 | 22.59 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.56 | 22.62 | 22.58 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.01 | 23.13 | 23.20 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.23 | 20.99 | 21.13 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.13 | 22.15 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.07 | 21.16 | 21.01 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.11 | 23.05 | 23.14 | 24.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.50 | 20.64 | 20.54 | 22.00 |



| Band 5 Ant1 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20450 | 20525 | 20600 | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 24.52 | 24.61 | 24.48 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.38 | 24.51 | 24.36 | | | | |
| 10 | QPSK | 1 | 49 | 24.45 | 24.48 | 24.39 | | | | |
| 10 | QPSK | 25 | 0 | 24.39 | 24.53 | 24.51 | 25.7 | 0 | | |
| 10 | QPSK | 25 | 12 | 24.46 | 24.46 | 24.46 | | | | |
| 10 | QPSK | 25 | 25 | 24.35 | 24.51 | 24.43 | | | | |
| 10 | QPSK | 50 | 0 | 24.47 | 24.55 | 24.44 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.43 | 24.59 | 24.50 | | | | |
| 10 | 16QAM | 1 | 25 | 24.44 | 24.46 | 24.56 | | | | |
| 10 | 16QAM | 1 | 49 | 24.45 | 24.55 | 24.54 | 24.7 | 1 | | |
| 10 | 16QAM | 25 | 0 | 23.41 | 23.52 | 23.47 | | | | |
| 10 | 16QAM | 25 | 12 | 23.48 | 23.41 | 23.43 | | | | |
| 10 | 16QAM | 25 | 25 | 23.45 | 23.46 | 23.43 | 24.7 | 1 | | |
| 10 | 16QAM | 50 | 0 | 23.56 | 23.61 | 23.50 | | | | |
| 10 | 64QAM | 1 | 0 | 23.53 | 23.63 | 23.48 | | | | |
| 10 | 64QAM | 1 | 25 | 23.56 | 23.49 | 23.57 | 24.7 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.56 | 23.60 | 23.54 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.49 | 22.43 | | | | |
| 10 | 64QAM | 25 | 12 | 22.34 | 22.34 | 22.36 | 23.7 | 2 | | |
| 10 | 64QAM | 25 | 25 | 22.34 | 22.34 | 22.46 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.58 | 22.51 | | | | |
| 10 | 256QAM | 1 | 0 | 19.50 | 19.60 | 19.51 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.45 | 19.55 | 19.55 | | | | |
| 10 | 256QAM | 1 | 49 | 19.48 | 19.46 | 19.48 | | | | |
| 10 | 256QAM | 25 | 0 | 19.40 | 19.52 | 19.38 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.45 | 19.46 | | | | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.48 | 19.40 | | | | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.53 | 19.43 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.38 | 24.57 | 24.45 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.26 | 24.48 | 24.34 | | | | |
| 5 | QPSK | 1 | 24 | 24.37 | 24.46 | 24.35 | | | | |
| 5 | QPSK | 12 | 0 | 24.35 | 24.46 | 24.43 | 25.7 | 0 | | |
| 5 | QPSK | 12 | 7 | 24.34 | 24.38 | 24.37 | | | | |
| 5 | QPSK | 12 | 13 | 24.20 | 24.38 | 24.27 | | | | |
| 5 | QPSK | 25 | 0 | 24.42 | 24.51 | 24.35 | 25.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 24.28 | 24.46 | 24.35 | | | | |
| 5 | 16QAM | 1 | 12 | 24.29 | 24.33 | 24.49 | | | | |
| 5 | 16QAM | 1 | 24 | 24.41 | 24.52 | 24.39 | 24.7 | 1 | | |
| 5 | 16QAM | 12 | 0 | 23.34 | 23.38 | 23.43 | | | | |
| 5 | 16QAM | 12 | 7 | 23.36 | 23.29 | 23.28 | | | | |
| 5 | 16QAM | 12 | 13 | 23.31 | 23.37 | 23.33 | 24.7 | 1 | | |
| 5 | 16QAM | 25 | 0 | 23.41 | 23.48 | 23.48 | | | | |
| 5 | 64QAM | 1 | 0 | 23.39 | 23.59 | 23.38 | | | | |
| 5 | 64QAM | 1 | 12 | 23.44 | 23.35 | 23.43 | 24.7 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.47 | 23.57 | 23.42 | | | | |
| 5 | 64QAM | 12 | 0 | 22.18 | 22.42 | 22.37 | | | | |
| 5 | 64QAM | 12 | 7 | 22.22 | 22.25 | 22.31 | 23.7 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.25 | 22.40 | | | | |
| 5 | 64QAM | 25 | 0 | 22.35 | 22.50 | 22.36 | | | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.57 | 19.39 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.53 | 19.43 | | | | |
| 5 | 256QAM | 1 | 24 | 19.41 | 19.37 | 19.39 | | | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.39 | 19.36 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.31 | 19.37 | 19.42 | | | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.38 | 19.25 | | | | |
| 5 | 256QAM | 25 | 0 | 19.28 | 19.38 | 19.29 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.37 | 24.48 | 24.35 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 8 | 24.29 | 24.41 | 24.28 | | | | |
| 3 | QPSK | 1 | 14 | 24.37 | 24.41 | 24.29 | | | | |
| 3 | QPSK | 8 | 0 | 24.25 | 24.40 | 24.46 | 25.7 | 0 | | |
| 3 | QPSK | 8 | 4 | 24.36 | 24.32 | 24.34 | | | | |
| 3 | QPSK | 8 | 7 | 24.23 | 24.48 | 24.40 | | | | |
| 3 | QPSK | 15 | 0 | 24.36 | 24.43 | 24.39 | 25.7 | 0 | | |
| 3 | 16QAM | 1 | 0 | 24.35 | 24.52 | 24.40 | | | | |
| 3 | 16QAM | 1 | 8 | 24.35 | 24.32 | 24.50 | | | | |
| 3 | 16QAM | 1 | 14 | 24.35 | 24.51 | 24.40 | 24.7 | 1 | | |
| 3 | 16QAM | 8 | 0 | 23.26 | 23.41 | 23.43 | | | | |
| 3 | 16QAM | 8 | 4 | 23.38 | 23.25 | 23.36 | | | | |
| 3 | 16QAM | 8 | 7 | 23.42 | 23.36 | 23.33 | 24.7 | 1 | | |
| 3 | 16QAM | 15 | 0 | 23.44 | 23.48 | 23.36 | | | | |
| 3 | 64QAM | 1 | 0 | 23.51 | 23.48 | 23.41 | | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.39 | 23.46 | 24.7 | 1 | | |
| 3 | 64QAM | 1 | 14 | 23.53 | 23.54 | 23.48 | | | | |
| 3 | 64QAM | 8 | 0 | 22.28 | 22.46 | 22.41 | | | | |
| 3 | 64QAM | 8 | 4 | 22.18 | 22.29 | 22.29 | 23.7 | 2 | | |
| 3 | 64QAM | 8 | 7 | 22.27 | 22.27 | 22.42 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.46 | 22.43 | | | | |
| 3 | 256QAM | 1 | 0 | 19.39 | 19.44 | 19.40 | 20.7 | 5 | | |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.49 | 19.42 | | | | |
| 3 | 256QAM | 1 | 14 | 19.44 | 19.32 | 19.39 | | | | |
| 3 | 256QAM | 8 | 0 | 19.34 | 19.45 | 19.30 | 20.7 | 5 | | |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.37 | | | | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.34 | 19.36 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.39 | 19.33 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.49 | 24.59 | 24.37 | 25.7 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 24.36 | 24.46 | 24.32 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.40 | 24.43 | 24.32 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.31 | 24.50 | 24.37 | 25.7 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 24.31 | 24.37 | 24.33 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.19 | 24.39 | 24.31 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.45 | 24.40 | 24.35 | 25.7 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 24.36 | 24.56 | 24.38 | | | | |
| 1.4 | 16QAM | 1 | 3 | 24.34 | 24.33 | 24.53 | | | | |
| 1.4 | 16QAM | 1 | 5 | 24.39 | 24.44 | 24.52 | 25.7 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 24.37 | 24.47 | 24.42 | | | | |
| 1.4 | 16QAM | 3 | 1 | 24.41 | 24.34 | 24.39 | | | | |
| 1.4 | 16QAM | 3 | 3 | 24.36 | 24.31 | 24.38 | 24.7 | 1 | | |
| 1.4 | 16QAM | 6 | 0 | 23.52 | 23.54 | 23.45 | | | | |
| 1.4 | 64QAM | 1 | 0 | 23.50 | 23.54 | 23.38 | | | | |
| 1.4 | 64QAM | 1 | 3 | 23.44 | 23.47 | 23.54 | 24.7 | 1 | | |
| 1.4 | 64QAM | 1 | 5 | 23.46 | 23.45 | 23.43 | | | | |
| 1.4 | 64QAM | 3 | 0 | 23.20 | 23.37 | 23.38 | | | | |
| 1.4 | 64QAM | 3 | 1 | 23.29 | 23.19 | 23.34 | 23.7 | 2 | | |
| 1.4 | 64QAM | 3 | 3 | 23.28 | 23.20 | 23.37 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.35 | 22.49 | 22.41 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.47 | 19.45 | 19.45 | 20.7 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.32 | 19.51 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.33 | 19.46 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.37 | 19.29 | 20.7 | 5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.35 | 19.40 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.22 | 19.40 | 19.32 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.37 | 19.35 | 20.7 | 5 | | |



| | | WCDMA IV Ant2 Default | | | |
|-----------------|-------------------------|-----------------------|--------|--------|---------------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| RX Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2kbps | 24.06 | 24.16 | 24.01 | 25.00 |
| 3GPP Rel 99 | RMC 12.2kbps | 24.07 | 24.18 | 24.02 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.01 | 23.10 | 22.89 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.96 | 23.15 | 22.86 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.51 | 22.52 | 22.58 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.59 | 22.58 | 22.53 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.16 | 23.07 | 23.02 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.02 | 23.06 | 22.88 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.61 | 22.54 | 22.52 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.55 | 22.65 | 22.43 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.04 | 23.11 | 23.07 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.21 | 20.99 | 21.14 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.10 | 22.13 | 21.95 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.05 | 21.08 | 20.90 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.05 | 23.03 | 23.08 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.56 | 20.67 | 20.50 | 21.50 |



| Band 4 Ant2 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Turn-up time (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 24.83 | 24.86 | 24.84 | | | | |
| 20 | QPSK | 1 | 49 | 24.82 | 24.86 | 24.82 | 25.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 24.90 | 25.01 | 24.90 | | | | |
| 20 | QPSK | 50 | 24 | 24.88 | 24.98 | 24.88 | | | | |
| 20 | QPSK | 50 | 50 | 24.92 | 25.00 | 24.94 | 25.7 | 0 | | |
| 20 | QPSK | 100 | 0 | 24.88 | 24.95 | 24.84 | | | | |
| 20 | QPSK | 100 | 24 | 24.92 | 24.92 | 24.92 | | | | |
| 20 | QPSK | 100 | 49 | 24.97 | 24.91 | 24.94 | 25.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 23.93 | 23.96 | 23.94 | | | | |
| 20 | 16QAM | 1 | 49 | 24.04 | 24.11 | 23.99 | 24.7 | 1 | | |
| 20 | 16QAM | 50 | 24 | 23.84 | 23.91 | 23.87 | | | | |
| 20 | 16QAM | 50 | 50 | 23.87 | 23.88 | 23.87 | | | | |
| 20 | 16QAM | 100 | 0 | 24.04 | 24.14 | 23.98 | 24.7 | 1 | | |
| 20 | 16QAM | 100 | 24 | 23.84 | 23.91 | 23.87 | | | | |
| 20 | 16QAM | 100 | 49 | 24.04 | 24.11 | 23.99 | 24.7 | 1 | | |
| 20 | 64QAM | 50 | 0 | 22.94 | 22.99 | 22.94 | | | | |
| 20 | 64QAM | 50 | 24 | 22.79 | 22.85 | 22.75 | 23.7 | 2 | | |
| 20 | 64QAM | 100 | 0 | 22.90 | 22.93 | 22.90 | | | | |
| 20 | 64QAM | 100 | 24 | 22.81 | 22.81 | 22.81 | | | | |
| 20 | 256QAM | 1 | 0 | 19.83 | 19.87 | 19.86 | | | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 19.85 | 19.83 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 19.87 | 19.88 | 19.87 | | | | |
| 20 | 256QAM | 50 | 50 | 19.89 | 19.88 | 19.89 | 20.7 | 5 | | |
| 20 | 256QAM | 100 | 0 | 19.92 | 19.93 | 19.92 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 24.78 | 25.01 | 24.89 | | | | |
| 15 | QPSK | 1 | 49 | 24.75 | 24.76 | 24.76 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 24.78 | 24.92 | 24.74 | | | | |
| 15 | QPSK | 36 | 0 | 24.80 | 24.89 | 24.79 | | | | |
| 15 | QPSK | 36 | 24 | 24.84 | 24.88 | 24.80 | | | | |
| 15 | QPSK | 36 | 39 | 24.89 | 24.85 | 24.73 | 25.7 | 0 | | |
| 15 | QPSK | 75 | 0 | 24.78 | 24.87 | 24.85 | | | | |
| 15 | 16QAM | 1 | 0 | 24.84 | 24.87 | 24.85 | | | | |
| 15 | 16QAM | 1 | 37 | 24.82 | 24.84 | 24.80 | 25.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 24.87 | 24.86 | 24.85 | | | | |
| 15 | 16QAM | 36 | 0 | 23.85 | 23.91 | 23.92 | | | | |
| 15 | 16QAM | 36 | 20 | 23.74 | 23.81 | 23.79 | 24.7 | 1 | | |
| 15 | 16QAM | 36 | 39 | 23.85 | 23.85 | 23.86 | | | | |
| 15 | 16QAM | 75 | 0 | 23.85 | 23.85 | 23.86 | | | | |
| 15 | 64QAM | 1 | 0 | 24.00 | 24.02 | 23.91 | | | | |
| 15 | 64QAM | 1 | 39 | 24.01 | 24.00 | 24.00 | 24.7 | 1 | | |
| 15 | 64QAM | 1 | 74 | 23.92 | 24.01 | 23.91 | | | | |
| 15 | 64QAM | 36 | 0 | 22.81 | 22.75 | 22.84 | | | | |
| 15 | 64QAM | 36 | 20 | 22.70 | 22.78 | 22.83 | | | | |
| 15 | 64QAM | 36 | 39 | 22.87 | 22.82 | 22.80 | 23.7 | 2 | | |
| 15 | 64QAM | 75 | 0 | 22.79 | 22.87 | 22.78 | | | | |
| 15 | 256QAM | 1 | 0 | 19.86 | 19.86 | 19.86 | | | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.80 | 19.75 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.71 | 19.79 | 19.84 | | | | |
| 15 | 256QAM | 36 | 0 | 19.77 | 19.82 | 19.81 | | | | |
| 15 | 256QAM | 36 | 20 | 19.77 | 19.81 | 19.81 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 39 | 19.73 | 19.85 | 19.82 | | | | |
| 15 | 256QAM | 75 | 0 | 19.82 | 19.85 | 19.82 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.60 | 24.75 | 24.60 | | | | |
| 10 | QPSK | 1 | 25 | 24.76 | 24.85 | 24.75 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.60 | 24.84 | 24.80 | | | | |
| 10 | QPSK | 12 | 0 | 24.82 | 24.87 | 24.77 | | | | |
| 10 | QPSK | 25 | 12 | 24.95 | 24.85 | 24.84 | | | | |
| 10 | QPSK | 25 | 25 | 24.83 | 24.89 | 24.84 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.76 | 24.84 | 24.84 | | | | |
| 10 | 16QAM | 1 | 24 | 24.93 | 24.86 | 24.82 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 24.77 | 24.86 | 24.86 | | | | |
| 10 | 16QAM | 25 | 0 | 23.80 | 23.94 | 23.80 | | | | |
| 10 | 16QAM | 25 | 12 | 23.74 | 23.79 | 23.77 | 24.7 | 1 | | |
| 10 | 16QAM | 50 | 0 | 23.89 | 23.89 | 23.79 | | | | |
| 10 | 64QAM | 1 | 0 | 24.01 | 24.04 | 23.91 | | | | |
| 10 | 64QAM | 1 | 39 | 24.01 | 24.01 | 24.01 | 24.7 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.88 | 23.92 | 23.84 | | | | |
| 10 | 64QAM | 25 | 0 | 22.79 | 22.81 | 22.59 | | | | |
| 10 | 64QAM | 25 | 12 | 22.80 | 22.80 | 22.80 | 23.7 | 2 | | |
| 10 | 64QAM | 50 | 0 | 22.77 | 22.94 | 22.75 | | | | |
| 10 | 256QAM | 1 | 0 | 19.80 | 19.83 | 19.69 | | | | |
| 10 | 256QAM | 1 | 25 | 19.71 | 19.82 | 19.75 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.62 | 19.80 | 19.85 | | | | |
| 10 | 256QAM | 12 | 0 | 19.81 | 19.81 | 19.71 | | | | |
| 10 | 256QAM | 25 | 12 | 19.89 | 19.72 | 19.59 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 25 | 19.68 | 19.86 | 19.78 | | | | |
| 10 | 256QAM | 50 | 0 | 19.78 | 19.79 | 19.80 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.62 | 24.66 | 24.60 | | | | |
| 5 | QPSK | 1 | 12 | 24.75 | 24.84 | 24.73 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 24.70 | 24.87 | 24.71 | | | | |
| 5 | QPSK | 12 | 0 | 24.82 | 24.87 | 24.82 | | | | |
| 5 | QPSK | 12 | 7 | 24.92 | 24.86 | 24.84 | | | | |
| 5 | QPSK | 12 | 13 | 24.88 | 24.85 | 24.91 | 25.7 | 0 | | |
| 5 | QPSK | 25 | 0 | 24.77 | 24.87 | 24.80 | | | | |
| 5 | 16QAM | 1 | 0 | 24.80 | 24.84 | 24.83 | | | | |
| 5 | 16QAM | 1 | 12 | 24.94 | 24.89 | 24.91 | 25.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 24.85 | 24.85 | 24.85 | | | | |
| 5 | 16QAM | 12 | 0 | 23.81 | 23.93 | 23.84 | | | | |
| 5 | 16QAM | 12 | 7 | 23.78 | 23.85 | 23.79 | 24.7 | 1 | | |
| 5 | 16QAM | 12 | 13 | 23.86 | 23.82 | 23.72 | | | | |
| 5 | 16QAM | 25 | 0 | 23.90 | 23.84 | 23.87 | | | | |
| 5 | 64QAM | 1 | 0 | 23.91 | 24.10 | 23.92 | | | | |
| 5 | 64QAM | 1 | 12 | 23.96 | 24.00 | 23.92 | 24.7 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.85 | 24.03 | 23.85 | | | | |
| 5 | 64QAM | 12 | 0 | 22.77 | 22.87 | 22.71 | | | | |
| 5 | 64QAM | 12 | 7 | 22.94 | 22.79 | 22.83 | 23.7 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.74 | 22.70 | 22.89 | | | | |
| 5 | 64QAM | 25 | 0 | 22.82 | 22.96 | 22.83 | | | | |
| 5 | 256QAM | 1 | 0 | 19.88 | 19.88 | 19.82 | | | | |
| 5 | 256QAM | 1 | 12 | 19.87 | 19.74 | 19.74 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.75 | 19.91 | 19.78 | | | | |
| 5 | 256QAM | 12 | 0 | 19.85 | 19.81 | 19.83 | | | | |
| 5 | 256QAM | 12 | 7 | 19.74 | 19.94 | 19.79 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 13 | 19.77 | 19.81 | 19.80 | | | | |
| 5 | 256QAM | 25 | 0 | 19.85 | 19.85 | 19.87 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 24.72 | 24.72 | 24.72 | | | | |
| 3 | QPSK | 1 | 8 | 24.74 | 24.87 | 24.76 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.70 | 24.93 | 24.72 | | | | |
| 3 | QPSK | 8 | 0 | 24.88 | 24.88 | 24.82 | | | | |
| 3 | QPSK | 8 | 4 | 24.89 | 24.80 | 24.88 | 25.7 | 0 | | |
| 3 | QPSK | 8 | 7 | 24.89 | 24.85 | 24.88 | | | | |
| 3 | QPSK | 15 | 0 | 24.77 | 24.84 | 24.69 | | | | |
| 3 | 16QAM | 1 | 0 | 24.85 | 24.85 | 24.78 | | | | |
| 3 | 16QAM | 1 | 8 | 24.91 | 24.82 | 24.88 | 25.7 | 0 | | |
| 3 | 16QAM | 1 | 14 | 24.81 | 24.80 | 24.87 | | | | |
| 3 | 16QAM | 8 | 0 | 23.87 | 23.88 | 23.88 | | | | |
| 3 | 16QAM | 8 | 4 | 23.89 | 23.78 | 23.79 | 24.7 | 1 | | |
| 3 | 16QAM | 8 | 7 | 23.72 | 23.72 | 23.72 | | | | |
| 3 | 16QAM | 15 | 0 | 23.91 | 23.92 | 23.88 | | | | |
| 3 | 64QAM | 1 | 0 | 23.92 | 24.04 | 23.89 | | | | |
| 3 | 64QAM | 1 | 8 | 23.93 | 23.97 | 23.93 | 24.7 | 1 | | |
| 3 | 64QAM | 1 | 14 | 23.87 | 23.98 | 23.93 | | | | |
| 3 | 64QAM | 8 | 0 | 22.73 | 22.84 | 22.71 | | | | |
| 3 | 64QAM | 8 | 4 | 22.86 | 22.82 | 22.87 | 23.7 | 2 | | |
| 3 | 64QAM | 8 | 7 | 22.73 | 22.71 | 22.81 | | | | |
| 3 | 64QAM | 15 | 0 | 19.72 | 19.81 | 19.82 | | | | |
| 3 | 256QAM | 1 | 0 | 19.72</ | | | | | | |



| Band 38 Ant2 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|---|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 24.98 | 25.14 | 25.00 | | | | |
| 20 | QPSK | 1 | 49 | 24.92 | 25.03 | 24.97 | | 25.7 | 0 | |
| 20 | QPSK | 1 | 99 | 24.95 | 24.99 | 24.93 | | | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.12 | 23.97 | | | | |
| 20 | QPSK | 50 | 24 | 24.00 | 24.06 | 23.94 | | 24.7 | 1 | |
| 20 | QPSK | 50 | 50 | 23.86 | 23.90 | 23.76 | | | | |
| 20 | QPSK | 100 | 0 | 23.87 | 23.96 | 23.89 | | | | |
| 20 | 16QAM | 1 | 0 | 24.01 | 24.11 | 23.99 | | 24.7 | 1 | |
| 20 | 16QAM | 1 | 49 | 23.90 | 24.03 | 23.91 | | | | |
| 20 | 16QAM | 1 | 99 | 23.92 | 23.97 | 23.87 | | | | |
| 20 | 16QAM | 50 | 0 | 23.06 | 23.18 | 23.01 | | | | |
| 20 | 16QAM | 50 | 24 | 22.96 | 23.08 | 23.00 | | 23.7 | 2 | |
| 20 | 16QAM | 50 | 50 | 23.07 | 23.12 | 23.03 | | | | |
| 20 | 16QAM | 100 | 0 | 23.01 | 23.09 | 23.01 | | | | |
| 20 | 64QAM | 1 | 0 | 23.08 | 23.14 | 23.05 | | | | |
| 20 | 64QAM | 1 | 49 | 22.97 | 22.99 | 22.87 | | 23.7 | 2 | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.10 | 22.98 | | | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.15 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 21.93 | 22.05 | 21.91 | | | | |
| 20 | 64QAM | 50 | 50 | 21.95 | 22.12 | 22.00 | | 22.7 | 3 | |
| 20 | 64QAM | 100 | 0 | 22.01 | 22.16 | 22.04 | | | | |
| 20 | 256QAM | 1 | 0 | 19.89 | 20.02 | 19.93 | | | | |
| 20 | 256QAM | 1 | 49 | 19.79 | 19.99 | 19.85 | | 20.7 | 5 | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.95 | 19.86 | | | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.22 | 20.08 | | | | |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.05 | 20.04 | | 20.7 | 5 | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.16 | 20.00 | | | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.07 | 20.00 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 24.83 | 25.10 | 24.91 | | 25.7 | 0 | |
| 15 | QPSK | 1 | 37 | 24.86 | 24.89 | 24.85 | | | | |
| 15 | QPSK | 1 | 74 | 24.80 | 24.85 | 24.89 | | | | |
| 15 | QPSK | 36 | 0 | 23.97 | 24.01 | 23.85 | | | | |
| 15 | QPSK | 36 | 20 | 23.96 | 23.98 | 23.81 | | 24.7 | 1 | |
| 15 | QPSK | 36 | 39 | 23.81 | 23.80 | 23.62 | | | | |
| 15 | QPSK | 75 | 0 | 23.82 | 23.81 | 23.83 | | | | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.97 | 23.92 | | 24.7 | 1 | |
| 15 | 16QAM | 1 | 37 | 23.81 | 23.95 | 23.84 | | | | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.84 | 23.81 | | | | |
| 15 | 16QAM | 36 | 0 | 22.97 | 23.11 | 22.92 | | | | |
| 15 | 16QAM | 36 | 20 | 22.93 | 23.00 | 22.95 | | 23.7 | 2 | |
| 15 | 16QAM | 36 | 39 | 22.98 | 23.06 | 22.88 | | | | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.96 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 22.97 | 23.01 | 22.91 | | 23.7 | 2 | |
| 15 | 64QAM | 1 | 37 | 22.84 | 22.96 | 22.75 | | | | |
| 15 | 64QAM | 1 | 74 | 22.91 | 23.04 | 22.91 | | | | |
| 15 | 64QAM | 36 | 0 | 21.91 | 22.11 | 22.00 | | | | |
| 15 | 64QAM | 36 | 20 | 21.80 | 22.01 | 21.79 | | 22.7 | 3 | |
| 15 | 64QAM | 36 | 39 | 21.80 | 22.02 | 21.92 | | | | |
| 15 | 64QAM | 75 | 0 | 21.95 | 22.03 | 21.93 | | | | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.94 | 19.90 | | 20.7 | 5 | |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.88 | 19.77 | | | | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.87 | 19.77 | | | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.09 | 20.02 | | 20.7 | 5 | |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.98 | 19.92 | | | | |
| 15 | 256QAM | 36 | 39 | 19.96 | 20.03 | 19.86 | | | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 20.01 | 19.96 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 24.83 | 25.09 | 24.86 | | 25.7 | 0 | |
| 10 | QPSK | 1 | 25 | 24.87 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 1 | 49 | 24.89 | 24.92 | 24.80 | | | | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.03 | 23.94 | | | | |
| 10 | QPSK | 25 | 12 | 23.96 | 23.97 | 23.90 | | 24.7 | 1 | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.79 | 23.62 | | | | |
| 10 | QPSK | 50 | 0 | 23.73 | 23.86 | 23.82 | | | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.98 | 23.87 | | 24.7 | 1 | |
| 10 | 16QAM | 1 | 25 | 23.75 | 23.96 | 23.81 | | | | |
| 10 | 16QAM | 1 | 49 | 23.83 | 23.91 | 23.80 | | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.04 | 22.97 | | 23.7 | 2 | |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.99 | 22.95 | | | | |
| 10 | 16QAM | 25 | 25 | 22.94 | 23.06 | 22.94 | | | | |
| 10 | 16QAM | 50 | 0 | 22.89 | 23.05 | 22.97 | | | | |
| 10 | 64QAM | 1 | 0 | 22.94 | 23.09 | 22.90 | | 23.7 | 2 | |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.90 | 22.79 | | | | |
| 10 | 64QAM | 1 | 49 | 22.83 | 22.99 | 22.94 | | | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.10 | 22.00 | | | | |
| 10 | 64QAM | 25 | 12 | 21.89 | 22.01 | 21.79 | | 22.7 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.88 | 22.01 | 21.92 | | | | |
| 10 | 64QAM | 50 | 0 | 21.88 | 22.12 | 21.89 | | | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | | 20.7 | 5 | |
| 10 | 256QAM | 1 | 25 | 19.67 | 19.91 | 19.78 | | | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.86 | 19.80 | | | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.13 | 19.96 | | 20.7 | 5 | |
| 10 | 256QAM | 25 | 12 | 19.82 | 19.93 | 19.95 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 20.10 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.97 | 19.92 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.88 | 24.99 | 24.85 | | 25.7 | 0 | |
| 5 | QPSK | 1 | 12 | 24.84 | 24.99 | 24.94 | | | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.87 | 24.85 | | | | |
| 5 | QPSK | 12 | 0 | 24.01 | 23.97 | 23.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.95 | 23.98 | 23.87 | | 24.7 | 1 | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.79 | 23.70 | | | | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.87 | 23.76 | | | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.03 | 23.88 | | 24.7 | 1 | |
| 5 | 16QAM | 1 | 12 | 23.83 | 23.99 | 23.79 | | | | |
| 5 | 16QAM | 1 | 24 | 23.87 | 23.94 | 23.74 | | | | |
| 5 | 16QAM | 12 | 0 | 23.02 | 23.09 | 22.87 | | | | |
| 5 | 16QAM | 12 | 7 | 22.82 | 22.96 | 22.89 | | 23.7 | 2 | |
| 5 | 16QAM | 12 | 13 | 23.03 | 23.01 | 22.94 | | | | |
| 5 | 16QAM | 25 | 0 | 22.88 | 23.00 | 22.89 | | | | |
| 5 | 64QAM | 1 | 0 | 23.96 | 23.05 | 23.01 | | 23.7 | 2 | |
| 5 | 64QAM | 1 | 12 | 22.87 | 22.91 | 22.75 | | | | |
| 5 | 64QAM | 1 | 24 | 22.91 | 23.05 | 22.89 | | | | |
| 5 | 64QAM | 12 | 0 | 21.91 | 22.11 | 22.03 | | | | |
| 5 | 64QAM | 12 | 7 | 21.86 | 21.98 | 21.86 | | 22.7 | 3 | |
| 5 | 64QAM | 12 | 13 | 21.91 | 22.04 | 21.92 | | | | |
| 5 | 64QAM | 25 | 0 | 21.87 | 22.12 | 21.90 | | | | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.94 | 19.81 | | 20.7 | 5 | |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.89 | 19.76 | | | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.86 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.16 | 19.93 | | 20.7 | 5 | |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.93 | 19.94 | | | | |
| 5 | 256QAM | 12 | 13 | 19.98 | 20.11 | 19.90 | | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.02 | 19.93 | | | | |

| Band 41 Ant2 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 25.00 | 25.12 | 25.20 | 25.07 | 24.97 | | |
| 20 | QPSK | 1 | 49 | 25.01 | 24.96 | 25.09 | 25.02 | 24.96 | 25.7 | 0 |
| 20 | QPSK | 1 | 99 | 24.96 | 24.97 | 25.12 | 25.06 | 25.01 | | |
| 20 | QPSK | 50 | 0 | 24.13 | 24.07 | 24.21 | 24.06 | 24.07 | | |
| 20 | QPSK | 50 | 24 | 24.01 | 24.01 | 24.15 | 24.02 | 24.03 | 24.7 | 1 |
| 20 | QPSK | 50 | 50 | 24.02 | 24.05 | 24.16 | 24.09 | | | |



WCDMA IV Ant3 Default

| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
|-----------------|-------------------------|----------|--------|--------|---------------------|
| TX Channel | | 1512 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1732.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2kbps | 23.12 | 23.16 | 23.04 | 24.50 |
| 3GPP Rel 99 | RMC 12.2kbps | 23.14 | 23.17 | 23.05 | 24.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.14 | 22.21 | 22.08 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.10 | 22.24 | 21.99 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.59 | 21.58 | 21.75 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.68 | 21.71 | 21.72 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.22 | 22.29 | 22.10 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.14 | 22.13 | 22.07 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.77 | 21.62 | 21.57 | 23.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 21.66 | 21.75 | 21.64 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.11 | 22.17 | 22.26 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.23 | 20.10 | 20.28 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.20 | 21.33 | 21.12 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.18 | 20.25 | 20.10 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.11 | 22.25 | 22.31 | 23.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 19.63 | 19.74 | 19.66 | 21.00 |



| Band 4 Ant3 Default-Other PA | | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Turn-up limit (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 25.04 | 25.13 | 25.09 | | | | |
| 20 | QPSK | 1 | 49 | 25.05 | 25.13 | 25.03 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 25.05 | 25.13 | 25.03 | | | | |
| 20 | QPSK | 50 | 0 | 25.02 | 25.14 | 25.04 | | | | |
| 20 | QPSK | 50 | 24 | 24.99 | 25.02 | 24.99 | | | | |
| 20 | QPSK | 50 | 50 | 25.07 | 25.12 | 25.04 | | | | |
| 20 | QPSK | 100 | 0 | 24.98 | 25.11 | 24.97 | | | | |
| 20 | QPSK | 100 | 24 | 24.98 | 25.11 | 24.97 | | | | |
| 20 | 16QAM | 1 | 49 | 25.04 | 25.09 | 24.97 | 25.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 24.99 | 25.00 | 24.92 | | | | |
| 20 | 16QAM | 50 | 0 | 25.04 | 24.94 | 25.09 | | | | |
| 20 | 16QAM | 50 | 24 | 23.88 | 23.93 | 23.88 | 24.7 | 1 | | |
| 20 | 16QAM | 100 | 0 | 24.98 | 24.99 | 24.97 | | | | |
| 20 | 16QAM | 100 | 24 | 24.19 | 24.24 | 24.19 | | | | |
| 20 | 64QAM | 1 | 49 | 24.08 | 24.19 | 24.04 | 24.7 | 1 | | |
| 20 | 64QAM | 1 | 99 | 24.07 | 24.07 | 24.01 | | | | |
| 20 | 64QAM | 50 | 0 | 22.94 | 23.00 | 22.90 | | | | |
| 20 | 64QAM | 50 | 24 | 22.84 | 22.91 | 22.87 | | | | |
| 20 | 64QAM | 100 | 0 | 23.06 | 23.10 | 23.01 | 23.7 | 2 | | |
| 20 | 64QAM | 100 | 24 | 22.90 | 22.91 | 22.89 | | | | |
| 20 | 256QAM | 1 | 49 | 19.96 | 20.03 | 19.98 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 20.12 | 19.98 | | | | |
| 20 | 256QAM | 50 | 0 | 19.82 | 19.98 | 19.90 | | | | |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.91 | 19.85 | | | | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.07 | 20.00 | | | | |
| 20 | 256QAM | 100 | 24 | 20.05 | 20.07 | 20.05 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 24.95 | 25.15 | 25.01 | | | | |
| 15 | QPSK | 1 | 39 | 24.91 | 25.00 | 24.98 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 25.01 | 25.06 | 24.92 | | | | |
| 15 | QPSK | 36 | 0 | 24.92 | 25.09 | 24.91 | | | | |
| 15 | QPSK | 36 | 24 | 24.86 | 24.95 | 24.90 | | | | |
| 15 | QPSK | 36 | 39 | 24.93 | 25.03 | 24.98 | | | | |
| 15 | QPSK | 75 | 0 | 24.84 | 24.94 | 24.86 | | | | |
| 15 | 16QAM | 1 | 39 | 24.92 | 25.02 | 24.90 | 25.7 | 0 | | |
| 15 | 16QAM | 1 | 37 | 24.97 | 24.98 | 24.83 | | | | |
| 15 | 16QAM | 1 | 74 | 25.01 | 25.01 | 24.91 | | | | |
| 15 | 16QAM | 36 | 0 | 23.81 | 24.00 | 23.75 | 24.7 | 1 | | |
| 15 | 16QAM | 36 | 29 | 23.76 | 23.81 | 23.74 | | | | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.13 | 23.93 | | | | |
| 15 | 64QAM | 1 | 9 | 24.12 | 24.13 | 24.11 | 24.7 | 1 | | |
| 15 | 64QAM | 1 | 39 | 24.07 | 24.08 | 24.00 | | | | |
| 15 | 64QAM | 1 | 74 | 24.01 | 24.03 | 23.95 | | | | |
| 15 | 64QAM | 36 | 0 | 22.82 | 23.01 | 22.90 | | | | |
| 15 | 64QAM | 36 | 29 | 22.73 | 22.81 | 22.81 | | | | |
| 15 | 64QAM | 36 | 39 | 22.84 | 22.82 | 22.83 | | | | |
| 15 | 64QAM | 75 | 0 | 22.93 | 23.11 | 22.96 | 23.7 | 2 | | |
| 15 | 256QAM | 1 | 37 | 19.99 | 19.99 | 19.90 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 20.02 | 20.07 | 19.88 | | | | |
| 15 | 256QAM | 50 | 0 | 19.77 | 19.85 | 19.75 | | | | |
| 15 | 256QAM | 50 | 24 | 19.79 | 19.87 | 19.80 | | | | |
| 15 | 256QAM | 100 | 0 | 19.98 | 19.98 | 19.90 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.60 | 24.75 | 24.65 | | | | |
| 10 | QPSK | 1 | 25 | 24.81 | 25.05 | 24.95 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 24.92 | 25.00 | 24.91 | | | | |
| 10 | QPSK | 12 | 0 | 24.86 | 24.98 | 24.86 | | | | |
| 10 | QPSK | 25 | 12 | 24.85 | 25.01 | 24.90 | | | | |
| 10 | QPSK | 25 | 25 | 24.96 | 24.98 | 24.92 | | | | |
| 10 | 16QAM | 1 | 0 | 24.98 | 25.05 | 25.00 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 24 | 24.98 | 24.97 | 24.94 | | | | |
| 10 | 16QAM | 25 | 0 | 23.82 | 23.89 | 23.81 | 24.7 | 1 | | |
| 10 | 16QAM | 25 | 12 | 23.81 | 23.87 | 23.77 | | | | |
| 10 | 16QAM | 50 | 0 | 24.01 | 24.12 | 24.03 | | | | |
| 10 | 64QAM | 1 | 0 | 24.09 | 24.20 | 24.16 | 24.7 | 1 | | |
| 10 | 64QAM | 1 | 24 | 23.98 | 24.00 | 23.95 | | | | |
| 10 | 64QAM | 1 | 49 | 24.02 | 24.07 | 23.95 | | | | |
| 10 | 64QAM | 25 | 0 | 22.88 | 23.02 | 22.95 | | | | |
| 10 | 64QAM | 25 | 12 | 22.79 | 22.98 | 22.96 | | | | |
| 10 | 64QAM | 25 | 25 | 22.81 | 22.86 | 22.84 | | | | |
| 10 | 64QAM | 50 | 0 | 22.98 | 23.05 | 22.98 | 23.7 | 2 | | |
| 10 | 256QAM | 1 | 28 | 19.90 | 19.92 | 19.79 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 20.03 | 20.02 | 19.89 | | | | |
| 10 | 256QAM | 50 | 0 | 19.88 | 19.90 | 19.83 | | | | |
| 10 | 256QAM | 50 | 12 | 19.72 | 19.85 | 19.83 | | | | |
| 10 | 256QAM | 25 | 25 | 19.81 | 19.88 | 19.82 | | | | |
| 10 | 256QAM | 100 | 0 | 19.98 | 19.98 | 19.90 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.63 | 25.01 | 24.83 | | | | |
| 5 | QPSK | 1 | 12 | 24.83 | 24.94 | 24.83 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 24.93 | 25.03 | 24.89 | | | | |
| 5 | QPSK | 12 | 0 | 24.86 | 24.98 | 24.86 | | | | |
| 5 | QPSK | 12 | 7 | 24.93 | 25.01 | 24.93 | | | | |
| 5 | QPSK | 12 | 13 | 24.95 | 25.04 | 24.93 | | | | |
| 5 | QPSK | 25 | 0 | 24.94 | 25.01 | 24.94 | | | | |
| 5 | 16QAM | 1 | 0 | 24.96 | 25.11 | 24.99 | 25.7 | 0 | | |
| 5 | 16QAM | 1 | 12 | 24.94 | 24.99 | 24.90 | | | | |
| 5 | 16QAM | 12 | 0 | 24.81 | 24.87 | 24.81 | | | | |
| 5 | 16QAM | 12 | 7 | 23.76 | 23.80 | 23.82 | 24.7 | 1 | | |
| 5 | 16QAM | 12 | 13 | 23.71 | 23.80 | 23.71 | | | | |
| 5 | 16QAM | 25 | 0 | 24.03 | 24.05 | 23.92 | | | | |
| 5 | 64QAM | 1 | 0 | 24.07 | 24.13 | 24.12 | 24.7 | 1 | | |
| 5 | 64QAM | 1 | 12 | 23.98 | 24.00 | 23.95 | | | | |
| 5 | 64QAM | 1 | 24 | 24.02 | 24.11 | 24.07 | | | | |
| 5 | 64QAM | 12 | 0 | 22.88 | 22.93 | 22.88 | | | | |
| 5 | 64QAM | 12 | 7 | 22.75 | 22.81 | 22.84 | | | | |
| 5 | 64QAM | 12 | 13 | 22.85 | 22.94 | 22.97 | | | | |
| 5 | 64QAM | 25 | 0 | 22.93 | 23.08 | 22.97 | 23.7 | 2 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.00 | 19.88 | | | | |
| 5 | 256QAM | 1 | 12 | 19.92 | 19.99 | 19.77 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.02 | 19.84 | | | | |
| 5 | 256QAM | 12 | 0 | 19.83 | 19.84 | 19.82 | | | | |
| 5 | 256QAM | 12 | 7 | 19.70 | 19.89 | 19.79 | | | | |
| 5 | 256QAM | 25 | 25 | 19.84 | 19.89 | 19.82 | | | | |
| 5 | 256QAM | 100 | 0 | 19.97 | 20.01 | 20.00 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 25.00 | 25.14 | 25.00 | | | | |
| 3 | QPSK | 1 | 8 | 24.88 | 25.04 | 24.88 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 24.99 | 25.02 | 24.95 | | | | |
| 3 | QPSK | 8 | 0 | 24.88 | 24.98 | 24.87 | | | | |
| 3 | QPSK | 8 | 4 | 24.88 | 24.98 | 24.82 | | | | |
| 3 | QPSK | 8 | 7 | 25.00 | 25.08 | 24.93 | | | | |
| 3 | QPSK | 15 | 0 | 24.92 | 24.94 | 24.81 | | | | |
| 3 | 16QAM | 1 | 0 | 25.01 | 25.10 | 24.97 | 25.7 | 0 | | |
| 3 | 16QAM | 1 | 8 | 24.94 | 24.99 | 24.88 | | | | |
| 3 | 16QAM | 1 | 14 | 24.81 | 24.90 | 24.82 | | | | |
| 3 | 16QAM | 8 | 0 | 23.88 | 23.95 | 23.83 | 24.7 | 1 | | |
| 3 | 16QAM | 8 | 4 | 23.78 | 23.80 | 23.79 | | | | |
| 3 | 16QAM | 15 | 0 | 23.72 | 23.79 | 23.62 | | | | |
| 3 | 64QAM | 1 | 0 | 24.06 | 24.10 | 23.96 | 24.7 | 1 | | |
| 3 | 64QAM | 1 | 8 | 24.08 | 24.12 | 24.06 | | | | |
| 3 | 64QAM | 1 | 14 | 23.94 | 24.05 | 23.93 | | | | |
| 3 | 64QAM | 1 | 14 | 24.00 | 24.00 | 24.06 | | | | |
| 3 | 64QAM | 8 | 0 | 22.85 | 22.91 | 22.82 | | | | |
| 3 | 64QAM | 8 | 4 | 22.80 | 22.86 | 22.82 | | | | |
| 3 | 64QAM | 8 | 7 | 22.86 | 22.84 | 22.75 | | | | |
| 3 | 64QAM | 15 | 0 | 22.92 | 22.96 | 22.92 | 23.7 | 2 | | |
| 3 | 256QAM | 1 | 0 | 19.99 | 20.11 | 19.94 | | | | |
| 3 | 256QAM | 1 | 8 | 19.87 | 19.87 | 19.83 | 20.7 | 5 | | |
| 3 | 256QAM | 1 | 14 | 20.00 | 20.00 | 19.88 | | | | |
| 3 | 256QAM | 8 | 0 | 19.84 | 19.95 | 19.81 | | | | |
| 3 | | | | | | | | | | |



| Band 38 Ant3 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 25.14 | 25.16 | 25.10 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.95 | 25.02 | 24.93 | | | | |
| 20 | QPSK | 1 | 99 | 24.94 | 25.00 | 24.93 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 0 | 24.13 | 24.17 | 24.07 | | | | |
| 20 | QPSK | 50 | 24 | 24.08 | 24.10 | 24.10 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.11 | 23.96 | | | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.16 | 24.09 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.16 | 24.11 | | | | |
| 20 | 16QAM | 1 | 49 | 23.89 | 24.02 | 24.00 | 23.7 | 2 | | |
| 20 | 16QAM | 1 | 99 | 24.03 | 24.05 | 23.96 | | | | |
| 20 | 16QAM | 50 | 0 | 23.13 | 23.13 | 23.02 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 24 | 22.95 | 23.02 | 23.01 | | | | |
| 20 | 16QAM | 50 | 50 | 23.04 | 23.16 | 23.02 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.17 | 23.08 | | | | |
| 20 | 64QAM | 1 | 0 | 23.12 | 23.17 | 23.17 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 49 | 22.99 | 23.10 | 23.04 | | | | |
| 20 | 64QAM | 1 | 99 | 23.05 | 23.06 | 22.96 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.13 | 22.03 | | | | |
| 20 | 64QAM | 50 | 24 | 21.99 | 22.00 | 22.01 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 22.12 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 22.15 | 22.17 | 22.06 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 0 | 20.03 | 20.11 | 20.14 | | | | |
| 20 | 256QAM | 1 | 49 | 19.86 | 20.00 | 19.96 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 20.04 | 20.14 | 20.08 | | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.10 | 20.10 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 20.01 | 20.11 | 20.01 | | | | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.07 | 19.98 | 20.7 | 5 | | |
| 20 | 256QAM | 100 | 0 | 20.09 | 20.20 | 20.20 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.03 | 25.04 | 24.99 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.86 | 24.92 | 24.88 | | | | |
| 15 | QPSK | 1 | 74 | 24.80 | 24.88 | 24.90 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 0 | 24.01 | 24.04 | 24.02 | | | | |
| 15 | QPSK | 36 | 20 | 24.02 | 23.98 | 24.01 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 23.95 | 24.07 | 23.86 | | | | |
| 15 | QPSK | 75 | 0 | 24.04 | 24.08 | 24.02 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 23.85 | 24.12 | 24.06 | | | | |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.88 | 23.94 | 23.7 | 2 | | |
| 15 | 16QAM | 1 | 74 | 23.95 | 24.00 | 23.87 | | | | |
| 15 | 16QAM | 36 | 0 | 23.98 | 23.99 | 22.98 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 20 | 22.86 | 22.91 | 22.90 | | | | |
| 15 | 16QAM | 36 | 39 | 22.94 | 23.09 | 22.88 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 23.12 | 22.96 | | | | |
| 15 | 64QAM | 1 | 0 | 22.98 | 23.05 | 23.13 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 37 | 22.86 | 23.00 | 22.95 | | | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 22.99 | 22.93 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 0 | 21.99 | 22.06 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.85 | 21.92 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.98 | 22.04 | | | | |
| 15 | 64QAM | 75 | 0 | 22.10 | 22.10 | 22.02 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 0 | 19.96 | 20.05 | 20.03 | | | | |
| 15 | 256QAM | 1 | 37 | 19.76 | 19.87 | 19.82 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.96 | 20.11 | 19.94 | | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 19.96 | 20.04 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.00 | 19.96 | | | | |
| 15 | 256QAM | 36 | 39 | 20.01 | 19.94 | 19.86 | 20.7 | 5 | | |
| 15 | 256QAM | 75 | 0 | 20.05 | 20.16 | 20.06 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.10 | 25.09 | 25.05 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.91 | 24.91 | 24.83 | | | | |
| 10 | QPSK | 1 | 49 | 24.81 | 24.89 | 24.86 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 0 | 23.99 | 24.07 | 23.95 | | | | |
| 10 | QPSK | 25 | 12 | 23.99 | 24.00 | 24.03 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.92 | 24.06 | 23.87 | | | | |
| 10 | QPSK | 50 | 0 | 23.92 | 24.10 | 24.04 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.07 | 24.06 | | | | |
| 10 | 16QAM | 1 | 25 | 23.85 | 23.94 | 23.86 | 23.7 | 2 | | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.92 | 23.81 | | | | |
| 10 | 16QAM | 25 | 0 | 23.06 | 23.06 | 22.88 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 12 | 22.92 | 22.98 | 22.90 | | | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.03 | 22.91 | 23.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 22.99 | | | | |
| 10 | 64QAM | 1 | 0 | 23.04 | 23.08 | 23.03 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 25 | 22.95 | 22.99 | 22.89 | | | | |
| 10 | 64QAM | 1 | 49 | 22.99 | 22.95 | 22.92 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.03 | 21.97 | | | | |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.89 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 21.95 | 21.98 | 21.95 | | | | |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.09 | 21.97 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 0 | 19.94 | 19.98 | 20.03 | | | | |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.88 | 19.84 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.92 | 19.99 | 19.93 | | | | |
| 10 | 256QAM | 25 | 0 | 19.91 | 20.03 | 19.97 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.97 | 19.99 | 19.96 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.99 | 19.89 | 20.7 | 5 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.12 | 20.12 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.03 | 25.07 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.82 | 24.89 | 24.83 | | | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.94 | 24.88 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 0 | 24.04 | 24.12 | 24.02 | | | | |
| 5 | QPSK | 12 | 7 | 24.04 | 24.05 | 24.04 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 24.01 | 23.92 | | | | |
| 5 | QPSK | 25 | 0 | 24.00 | 24.12 | 23.99 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 23.93 | 24.11 | 24.01 | | | | |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.90 | 23.88 | 23.7 | 2 | | |
| 5 | 16QAM | 1 | 24 | 23.92 | 24.02 | 23.89 | | | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.01 | 22.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.99 | 22.98 | | | | |
| 5 | 16QAM | 12 | 13 | 22.99 | 23.04 | 22.91 | 23.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.96 | 23.09 | 22.94 | | | | |
| 5 | 64QAM | 1 | 0 | 23.02 | 23.05 | 23.07 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 12 | 22.86 | 23.05 | 23.00 | | | | |
| 5 | 64QAM | 1 | 24 | 23.01 | 22.99 | 22.85 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 0 | 22.02 | 22.04 | 21.89 | | | | |
| 5 | 64QAM | 12 | 7 | 21.93 | 21.90 | 21.94 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.90 | 22.06 | 22.04 | | | | |
| 5 | 64QAM | 25 | 0 | 22.06 | 22.12 | 21.99 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 0 | 19.96 | 19.96 | 20.05 | | | | |
| 5 | 256QAM | 1 | 12 | 19.80 | 19.88 | 19.81 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.94 | 20.00 | 19.97 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.00 | 20.02 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 20.02 | 19.96 | | | | |
| 5 | 256QAM | 12 | 13 | 19.96 | 20.01 | 19.90 | 20.7 | 5 | | |
| 5 | 256QAM | 25 | 0 | 20.00 | 20.12 | 20.05 | | | | |

| Band 41 Ant3 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 24.98 | 25.07 | 25.20 | 25.16 | 25.13 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.90 | 25.00 | 25.06 | 24.94 | 25.03 | | |
| 20 | QPSK | 1 | 99 | 25.00 | 25.03 | 25.12 | 25.08 | 24.99 | 24.7 | 1 |
| 20 | QPSK | 50 | 0 | 24.05 | 24.04 | 24.15 | 24.10 | 24.05 | | |
| 20 | QPSK | 50 | 24 | 23.99 | 23.99 | 24.02 | 23.98 | 24.03 | 24.7 | 1 |
| 20 | QPSK | 50 | 50 | 24.00 | 23.95 | 24.11 | 24.06 | 23.99 | | |
| 20 | QPSK | 100 | 0 | 24.03 | 23.98 | 24.09 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | 16QAM | 1 | 0 | 24.09 | 24.16 | 24.15 | 24.14 | 24.01 | | |
| 20 | 16QAM | | | | | | | | | |



GSM1900 Ant4 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 28.27 | 28.42 | 28.32 | 30.00 | 19.27 | 19.42 | 19.32 | 21.00 |
| GPRS 1 Tx slot | 28.25 | 28.40 | 28.31 | 30.00 | 19.25 | 19.40 | 19.31 | 21.00 |
| GPRS 2 Tx slots | 25.26 | 25.32 | 25.17 | 27.00 | 19.26 | 19.32 | 19.17 | 21.00 |
| GPRS 3 Tx slots | 23.49 | 23.51 | 23.39 | 25.20 | 19.23 | 19.25 | 19.13 | 20.94 |
| GPRS 4 Tx slots | 22.21 | 22.30 | 22.12 | 24.00 | 19.21 | 19.30 | 19.12 | 21.00 |
| EDGE 1 Tx slot | 24.22 | 24.38 | 24.33 | 26.00 | 15.22 | 15.38 | 15.33 | 17.00 |
| EDGE 2 Tx slots | 21.35 | 21.51 | 21.27 | 23.00 | 15.35 | 15.51 | 15.27 | 17.00 |
| EDGE 3 Tx slots | 19.41 | 19.55 | 19.46 | 21.20 | 15.15 | 15.29 | 15.20 | 16.94 |
| EDGE 4 Tx slots | 18.37 | 18.28 | 18.34 | 20.00 | 15.37 | 15.28 | 15.34 | 17.00 |

WCDMA II Ant4 Default

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1652.4 | 1680 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 22.77 | 22.82 | 22.74 | 24.50 | 23.10 | 23.15 | 23.14 | 24.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 22.75 | 22.84 | 22.76 | 24.50 | 23.11 | 23.17 | 23.15 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 21.60 | 21.80 | 21.68 | 23.50 | 22.08 | 22.21 | 22.14 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 21.53 | 21.84 | 21.56 | 23.50 | 22.02 | 22.26 | 22.13 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 21.13 | 21.21 | 21.24 | 23.00 | 21.63 | 21.67 | 21.72 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 21.19 | 21.26 | 21.29 | 23.00 | 21.63 | 21.63 | 21.70 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 21.81 | 21.81 | 21.76 | 23.50 | 22.26 | 22.23 | 22.25 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 21.56 | 21.74 | 21.58 | 23.50 | 22.03 | 22.19 | 22.02 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 21.21 | 21.31 | 21.18 | 23.00 | 21.69 | 21.70 | 21.67 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 21.16 | 21.35 | 21.24 | 23.00 | 21.63 | 21.70 | 21.64 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 21.00 | 21.85 | 21.72 | 23.50 | 22.08 | 22.17 | 22.20 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 19.84 | 19.67 | 19.83 | 21.50 | 20.37 | 20.11 | 20.23 | 21.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 20.74 | 20.82 | 20.68 | 22.50 | 21.18 | 21.31 | 21.07 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 19.74 | 19.82 | 19.60 | 21.50 | 20.18 | 20.24 | 20.04 | 21.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 21.69 | 21.75 | 21.72 | 23.50 | 22.08 | 22.17 | 22.22 | 23.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 19.11 | 19.33 | 19.24 | 21.00 | 19.67 | 19.74 | 19.62 | 21.00 |



| Band 2 Ant4 Default | | | | | | | | | | |
|---------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power (W) | Power (W) | Power (W) | Power (W) | Turn-up (dB) | MPR (dB) | |
| Channel | Ch. Freq. | Ch. Freq. | Ch. Freq. | Ch. Freq. | Ch. Freq. | Ch. Freq. | Ch. Freq. | | | |
| 20 | QPSK | 1 | 0 | 23.51 | 23.52 | 23.47 | | | | |
| 20 | QPSK | 1 | 49 | 23.52 | 23.53 | 23.48 | | | | |
| 20 | QPSK | 1 | 99 | 23.53 | 23.54 | 23.49 | | | | |
| 20 | QPSK | 50 | 0 | 23.48 | 23.49 | 23.44 | | | | |
| 20 | QPSK | 50 | 49 | 23.49 | 23.50 | 23.45 | | | | |
| 20 | QPSK | 50 | 99 | 23.50 | 23.51 | 23.46 | | | | |
| 20 | QPSK | 100 | 0 | 23.45 | 23.46 | 23.41 | | | | |
| 20 | QPSK | 100 | 49 | 23.46 | 23.47 | 23.42 | | | | |
| 20 | QPSK | 100 | 99 | 23.47 | 23.48 | 23.43 | | | | |
| 20 | QPSK | 150 | 0 | 23.42 | 23.43 | 23.37 | | | | |
| 20 | QPSK | 150 | 49 | 23.43 | 23.44 | 23.38 | | | | |
| 20 | QPSK | 150 | 99 | 23.44 | 23.45 | 23.39 | | | | |
| 20 | QPSK | 200 | 0 | 23.39 | 23.40 | 23.33 | | | | |
| 20 | QPSK | 200 | 49 | 23.40 | 23.41 | 23.34 | | | | |
| 20 | QPSK | 200 | 99 | 23.41 | 23.42 | 23.35 | | | | |
| 20 | QPSK | 250 | 0 | 23.36 | 23.37 | 23.30 | | | | |
| 20 | QPSK | 250 | 49 | 23.37 | 23.38 | 23.31 | | | | |
| 20 | QPSK | 250 | 99 | 23.38 | 23.39 | 23.32 | | | | |
| 20 | QPSK | 300 | 0 | 23.32 | 23.33 | 23.26 | | | | |
| 20 | QPSK | 300 | 49 | 23.33 | 23.34 | 23.27 | | | | |
| 20 | QPSK | 300 | 99 | 23.34 | 23.35 | 23.28 | | | | |
| 20 | QPSK | 350 | 0 | 23.28 | 23.29 | 23.21 | | | | |
| 20 | QPSK | 350 | 49 | 23.29 | 23.30 | 23.22 | | | | |
| 20 | QPSK | 350 | 99 | 23.30 | 23.31 | 23.23 | | | | |
| 20 | QPSK | 400 | 0 | 23.24 | 23.25 | 23.17 | | | | |
| 20 | QPSK | 400 | 49 | 23.25 | 23.26 | 23.18 | | | | |
| 20 | QPSK | 400 | 99 | 23.26 | 23.27 | 23.19 | | | | |
| 20 | QPSK | 450 | 0 | 23.20 | 23.21 | 23.12 | | | | |
| 20 | QPSK | 450 | 49 | 23.21 | 23.22 | 23.13 | | | | |
| 20 | QPSK | 450 | 99 | 23.22 | 23.23 | 23.14 | | | | |
| 20 | QPSK | 500 | 0 | 23.16 | 23.17 | 23.08 | | | | |
| 20 | QPSK | 500 | 49 | 23.17 | 23.18 | 23.09 | | | | |
| 20 | QPSK | 500 | 99 | 23.18 | 23.19 | 23.10 | | | | |
| 20 | QPSK | 550 | 0 | 23.12 | 23.13 | 23.04 | | | | |
| 20 | QPSK | 550 | 49 | 23.13 | 23.14 | 23.05 | | | | |
| 20 | QPSK | 550 | 99 | 23.14 | 23.15 | 23.06 | | | | |
| 20 | QPSK | 600 | 0 | 23.08 | 23.09 | 22.99 | | | | |
| 20 | QPSK | 600 | 49 | 23.09 | 23.10 | 22.99 | | | | |
| 20 | QPSK | 600 | 99 | 23.10 | 23.11 | 22.99 | | | | |
| 20 | QPSK | 650 | 0 | 23.04 | 23.05 | 22.94 | | | | |
| 20 | QPSK | 650 | 49 | 23.05 | 23.06 | 22.94 | | | | |
| 20 | QPSK | 650 | 99 | 23.06 | 23.07 | 22.94 | | | | |
| 20 | QPSK | 700 | 0 | 23.00 | 23.01 | 22.89 | | | | |
| 20 | QPSK | 700 | 49 | 23.01 | 23.02 | 22.89 | | | | |
| 20 | QPSK | 700 | 99 | 23.02 | 23.03 | 22.89 | | | | |
| 20 | QPSK | 750 | 0 | 22.96 | 22.97 | 22.84 | | | | |
| 20 | QPSK | 750 | 49 | 22.97 | 22.98 | 22.84 | | | | |
| 20 | QPSK | 750 | 99 | 22.98 | 22.99 | 22.84 | | | | |
| 20 | QPSK | 800 | 0 | 22.92 | 22.93 | 22.79 | | | | |
| 20 | QPSK | 800 | 49 | 22.93 | 22.94 | 22.79 | | | | |
| 20 | QPSK | 800 | 99 | 22.94 | 22.95 | 22.79 | | | | |
| 20 | QPSK | 850 | 0 | 22.88 | 22.89 | 22.73 | | | | |
| 20 | QPSK | 850 | 49 | 22.89 | 22.90 | 22.73 | | | | |
| 20 | QPSK | 850 | 99 | 22.90 | 22.91 | 22.73 | | | | |
| 20 | QPSK | 900 | 0 | 22.84 | 22.85 | 22.67 | | | | |
| 20 | QPSK | 900 | 49 | 22.85 | 22.86 | 22.67 | | | | |
| 20 | QPSK | 900 | 99 | 22.86 | 22.87 | 22.67 | | | | |
| 20 | QPSK | 950 | 0 | 22.80 | 22.81 | 22.61 | | | | |
| 20 | QPSK | 950 | 49 | 22.81 | 22.82 | 22.61 | | | | |
| 20 | QPSK | 950 | 99 | 22.82 | 22.83 | 22.61 | | | | |
| 20 | QPSK | 1000 | 0 | 22.76 | 22.77 | 22.55 | | | | |
| 20 | QPSK | 1000 | 49 | 22.77 | 22.78 | 22.55 | | | | |
| 20 | QPSK | 1000 | 99 | 22.78 | 22.79 | 22.55 | | | | |
| 20 | QPSK | 1050 | 0 | 22.72 | 22.73 | 22.49 | | | | |
| 20 | QPSK | 1050 | 49 | 22.73 | 22.74 | 22.49 | | | | |
| 20 | QPSK | 1050 | 99 | 22.74 | 22.75 | 22.49 | | | | |
| 20 | QPSK | 1100 | 0 | 22.68 | 22.69 | 22.41 | | | | |
| 20 | QPSK | 1100 | 49 | 22.69 | 22.70 | 22.41 | | | | |
| 20 | QPSK | 1100 | 99 | 22.70 | 22.71 | 22.41 | | | | |
| 20 | QPSK | 1150 | 0 | 22.64 | 22.65 | 22.33 | | | | |
| 20 | QPSK | 1150 | 49 | 22.65 | 22.66 | 22.33 | | | | |
| 20 | QPSK | 1150 | 99 | 22.66 | 22.67 | 22.33 | | | | |
| 20 | QPSK | 1200 | 0 | 22.60 | 22.61 | 22.25 | | | | |
| 20 | QPSK | 1200 | 49 | 22.61 | 22.62 | 22.25 | | | | |
| 20 | QPSK | 1200 | 99 | 22.62 | 22.63 | 22.25 | | | | |
| 20 | QPSK | 1250 | 0 | 22.56 | 22.57 | 22.15 | | | | |
| 20 | QPSK | 1250 | 49 | 22.57 | 22.58 | 22.15 | | | | |
| 20 | QPSK | 1250 | 99 | 22.58 | 22.59 | 22.15 | | | | |
| 20 | QPSK | 1300 | 0 | 22.52 | 22.53 | 21.95 | | | | |
| 20 | QPSK | 1300 | 49 | 22.53 | 22.54 | 21.95 | | | | |
| 20 | QPSK | 1300 | 99 | 22.54 | 22.55 | 21.95 | | | | |
| 20 | QPSK | 1350 | 0 | 22.48 | 22.49 | 21.75 | | | | |
| 20 | QPSK | 1350 | 49 | 22.49 | 22.50 | 21.75 | | | | |
| 20 | QPSK | 1350 | 99 | 22.50 | 22.51 | 21.75 | | | | |
| 20 | QPSK | 1400 | 0 | 22.44 | 22.45 | 21.55 | | | | |
| 20 | QPSK | 1400 | 49 | 22.45 | 22.46 | 21.55 | | | | |
| 20 | QPSK | 1400 | 99 | 22.46 | 22.47 | 21.55 | | | | |
| 20 | QPSK | 1450 | 0 | 22.40 | 22.41 | 21.35 | | | | |
| 20 | QPSK | 1450 | 49 | 22.41 | 22.42 | 21.35 | | | | |
| 20 | QPSK | 1450 | 99 | 22.42 | 22.43 | 21.35 | | | | |
| 20 | QPSK | 1500 | 0 | 22.36 | 22.37 | 21.15 | | | | |
| 20 | QPSK | 1500 | 49 | 22.37 | 22.38 | 21.15 | | | | |
| 20 | QPSK | 1500 | 99 | 22.38 | 22.39 | 21.15 | | | | |
| 20 | QPSK | 1550 | 0 | 22.32 | 22.33 | 20.95 | | | | |
| 20 | QPSK | 1550 | 49 | 22.33 | 22.34 | 20.95 | | | | |
| 20 | QPSK | 1550 | 99 | 22.34 | 22.35 | 20.95 | | | | |
| 20 | QPSK | 1600 | 0 | 22.28 | 22.29 | 20.75 | | | | |
| 20 | QPSK | 1600 | 49 | 22.29 | 22.30 | 20.75 | | | | |
| 20 | QPSK | 1600 | 99 | 22.30 | 22.31 | 20.75 | | | | |
| 20 | QPSK | 1650 | 0 | 22.24 | 22.25 | 20.55 | | | | |
| 20 | QPSK | 1650 | 49 | 22.25 | 22.26 | 20.55 | | | | |
| 20 | QPSK | 1650 | 99 | 22.26 | 22.27 | 20.55 | | | | |
| 20 | QPSK | 1700 | 0 | 22.20 | 22.21 | 20.35 | | | | |
| 20 | QPSK | 1700 | 49 | 22.21 | 22.22 | 20.35 | | | | |
| 20 | QPSK | 1700 | 99 | 22.22 | 22.23 | 20.35 | | | | |
| 20 | QPSK | 1750 | 0 | 22.16 | 22.17 | 20.15 | | | | |
| 20 | QPSK | 1750 | 49 | 22.17 | 22.18 | 20.15 | | | | |
| 20 | QPSK | 1750 | 99 | 22.18 | 22.19 | 20.15 | | | | |
| 20 | QPSK | 1800 | 0 | 22.12 | 22.13 | 19.95 | | | | |
| 20 | QPSK | 1800 | 49 | 22.13 | 22.14 | 19.95 | | | | |
| 20 | QPSK | 1800 | 99 | 22.14 | 22.15 | 19.95 | | | | |
| 20 | QPSK | 1850 | 0 | 22.08 | 22.09 | 19.75 | | | | |
| 20 | QPSK | 1850 | 49 | 22.09 | 22.10 | 19.75 | | | | |
| 20 | QPSK | 1850 | 99 | 22.10 | 22.11 | 19.75 | | | | |
| 20 | QPSK | 1900 | 0 | 22.04 | 22.05 | 19.55 | | | | |
| 20 | QPSK | 1900 | 49 | 22.05 | 22.06 | 19.55 | | | | |
| 20 | QPSK | 1900 | 99 | 22.06 | 22.07 | 19.55 | | | | |
| 20 | QPSK | 1950 | 0 | 22.00 | 22.01 | 19.35 | | | | |
| 20 | QPSK | 1950 | 49 | 22.01 | 22.02 | 19.35 | | | | |
| 20 | QPSK | 1950 | 99 | 22.02 | 22.03 | 19.35 | | | | |
| 20 | QPSK | 2000 | 0 | 21.96 | 21.97 | 19.15 | | | | |
| 20 | QPSK | 2000 | 49 | 21.97 | 21.98 | 19.15 | | | | |
| 20 | QPSK | 2000 | 99 | 21.98 | 21.99 | 19.15 | | | | |
| 20 | QPSK | 2050 | 0 | 21.92 | 21.93 | 18.95 | | | | |
| 20 | QPSK | 2050 | 49 | 21.93 | 21.94 | 18.95 | | | | |
| 20 | QPSK | 2050 | 99 | 21.94 | 21.95 | 18.95 | | | | |
| 20 | QPSK | 2100 | 0 | 21.88 | 21.89 | 18.75 | | | | |
| 20 | QPSK | 2100 | 49 | 21.89 | 21.90 | 18.75 | | | | |
| 20 | QPSK | 2100 | 99 | | | | | | | |



| Band 38 Ant4 Default-Other PA | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | 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 | 25.12 | 25.16 | 25.09 | 25.7 | 0 | |
| 20 | QPSK | 1 | 49 | 24.90 | 25.05 | 25.01 | | | |
| 20 | QPSK | 1 | 99 | 24.91 | 25.03 | 24.98 | | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.15 | 24.07 | 24.7 | 1 | |
| 20 | QPSK | 50 | 24 | 24.10 | 24.12 | 24.02 | | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.05 | 23.98 | | | |
| 20 | QPSK | 100 | 0 | 24.08 | 24.12 | 23.99 | 24.7 | 1 | |
| 20 | 16QAM | 1 | 0 | 24.02 | 24.14 | 24.11 | | | |
| 20 | 16QAM | 1 | 49 | 23.96 | 24.12 | 23.98 | | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 24.06 | 23.90 | 23.7 | 2 | |
| 20 | 16QAM | 50 | 0 | 22.99 | 23.10 | 23.07 | | | |
| 20 | 16QAM | 50 | 24 | 22.96 | 23.07 | 23.05 | | | |
| 20 | 16QAM | 50 | 50 | 22.89 | 23.05 | 22.94 | 23.7 | 2 | |
| 20 | 16QAM | 100 | 0 | 22.88 | 23.18 | 23.09 | | | |
| 20 | 64QAM | 1 | 0 | 23.12 | 23.14 | 23.07 | | | |
| 20 | 64QAM | 1 | 49 | 23.05 | 23.15 | 23.01 | 23.7 | 2 | |
| 20 | 64QAM | 1 | 99 | 23.08 | 23.12 | 23.01 | | | |
| 20 | 64QAM | 50 | 0 | 22.10 | 22.10 | 21.99 | | | |
| 20 | 64QAM | 50 | 24 | 21.96 | 22.04 | 21.93 | 22.7 | 3 | |
| 20 | 64QAM | 50 | 50 | 22.02 | 22.12 | 22.08 | | | |
| 20 | 64QAM | 100 | 0 | 22.06 | 22.10 | 22.04 | | | |
| 20 | 256QAM | 1 | 0 | 20.05 | 20.12 | 20.02 | 20.7 | 5 | |
| 20 | 256QAM | 1 | 49 | 19.90 | 20.06 | 20.00 | | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 20.03 | 19.94 | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.11 | 20.05 | 20.7 | 5 | |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.93 | 19.81 | | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.00 | 19.88 | | | |
| 20 | 256QAM | 100 | 0 | 19.98 | 20.11 | 20.07 | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | |
| 15 | QPSK | 1 | 0 | 25.06 | 25.09 | 24.97 | 25.7 | 0 | |
| 15 | QPSK | 1 | 37 | 24.83 | 24.98 | 24.87 | | | |
| 15 | QPSK | 1 | 74 | 24.86 | 24.98 | 24.90 | | | |
| 15 | QPSK | 36 | 0 | 24.02 | 24.04 | 23.99 | 24.7 | 1 | |
| 15 | QPSK | 36 | 20 | 24.01 | 24.06 | 23.89 | | | |
| 15 | QPSK | 36 | 39 | 23.94 | 23.97 | 23.91 | | | |
| 15 | QPSK | 75 | 0 | 23.93 | 24.06 | 23.89 | 24.7 | 1 | |
| 15 | 16QAM | 1 | 0 | 23.95 | 24.08 | 24.03 | | | |
| 15 | 16QAM | 1 | 37 | 23.84 | 24.08 | 23.91 | | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 24.02 | 23.81 | 23.7 | 2 | |
| 15 | 16QAM | 36 | 0 | 22.89 | 23.05 | 22.98 | | | |
| 15 | 16QAM | 36 | 20 | 22.84 | 23.02 | 22.98 | | | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.96 | 22.86 | 23.7 | 2 | |
| 15 | 16QAM | 75 | 0 | 22.71 | 23.14 | 23.03 | | | |
| 15 | 64QAM | 1 | 0 | 23.08 | 23.08 | 22.97 | | | |
| 15 | 64QAM | 1 | 37 | 22.97 | 23.00 | 22.87 | 23.7 | 2 | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.07 | 22.98 | | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 21.99 | 21.95 | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.99 | 21.86 | 22.7 | 3 | |
| 15 | 64QAM | 36 | 39 | 21.93 | 22.01 | 21.94 | | | |
| 15 | 64QAM | 75 | 0 | 21.94 | 22.04 | 21.91 | | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 19.97 | 19.89 | 20.7 | 5 | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.93 | 19.90 | | | |
| 15 | 256QAM | 1 | 74 | 19.90 | 19.99 | 19.85 | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 20.03 | 19.98 | 20.7 | 5 | |
| 15 | 256QAM | 36 | 20 | 19.74 | 19.86 | 19.76 | | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 19.91 | 19.76 | | | |
| 15 | 256QAM | 75 | 0 | 19.90 | 20.01 | 20.04 | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | |
| 10 | QPSK | 1 | 0 | 25.00 | 25.05 | 24.99 | 25.7 | 0 | |
| 10 | QPSK | 1 | 25 | 24.78 | 24.95 | 24.96 | | | |
| 10 | QPSK | 1 | 49 | 24.85 | 24.98 | 24.88 | | | |
| 10 | QPSK | 25 | 0 | 23.96 | 24.04 | 24.03 | 24.7 | 1 | |
| 10 | QPSK | 25 | 12 | 23.99 | 23.97 | 23.87 | | | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.94 | 23.84 | | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.08 | 23.86 | 24.7 | 1 | |
| 10 | 16QAM | 1 | 0 | 23.96 | 24.07 | 24.06 | | | |
| 10 | 16QAM | 1 | 25 | 23.82 | 24.01 | 23.85 | | | |
| 10 | 16QAM | 1 | 49 | 23.87 | 24.00 | 23.76 | 23.7 | 2 | |
| 10 | 16QAM | 25 | 0 | 22.84 | 22.96 | 22.93 | | | |
| 10 | 16QAM | 25 | 12 | 22.83 | 22.98 | 23.00 | | | |
| 10 | 16QAM | 25 | 25 | 22.84 | 22.91 | 22.87 | 23.7 | 2 | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.14 | 22.94 | | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.10 | 23.01 | | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.12 | 22.96 | 23.7 | 2 | |
| 10 | 64QAM | 1 | 49 | 22.94 | 23.07 | 22.97 | | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 21.99 | 21.88 | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.96 | 21.85 | 22.7 | 3 | |
| 10 | 64QAM | 25 | 25 | 21.99 | 22.07 | 21.97 | | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 22.04 | 21.94 | | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.94 | 20.7 | 5 | |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.99 | 19.93 | | | |
| 10 | 256QAM | 1 | 49 | 19.97 | 19.88 | 19.88 | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.08 | 20.01 | 20.7 | 5 | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.87 | 19.72 | | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.86 | 19.80 | | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 20.06 | 19.98 | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | |
| 5 | QPSK | 1 | 0 | 25.07 | 25.08 | 25.00 | 25.7 | 0 | |
| 5 | QPSK | 1 | 12 | 24.87 | 25.00 | 24.90 | | | |
| 5 | QPSK | 1 | 24 | 24.83 | 24.91 | 24.93 | | | |
| 5 | QPSK | 12 | 0 | 24.06 | 24.11 | 24.00 | 24.7 | 1 | |
| 5 | QPSK | 12 | 7 | 24.08 | 24.02 | 23.92 | | | |
| 5 | QPSK | 12 | 13 | 23.92 | 23.92 | 23.83 | | | |
| 5 | QPSK | 25 | 0 | 24.05 | 23.97 | 23.90 | 24.7 | 1 | |
| 5 | 16QAM | 1 | 0 | 23.95 | 24.08 | 24.00 | | | |
| 5 | 16QAM | 1 | 12 | 23.92 | 24.06 | 23.89 | | | |
| 5 | 16QAM | 1 | 24 | 23.91 | 24.00 | 23.83 | 23.7 | 2 | |
| 5 | 16QAM | 12 | 0 | 22.93 | 22.96 | 22.95 | | | |
| 5 | 16QAM | 12 | 7 | 22.86 | 22.97 | 22.96 | | | |
| 5 | 16QAM | 12 | 13 | 22.74 | 22.99 | 22.80 | 23.7 | 2 | |
| 5 | 64QAM | 1 | 0 | 23.05 | 23.12 | 23.01 | | | |
| 5 | 64QAM | 1 | 12 | 22.92 | 23.05 | 22.87 | | | |
| 5 | 64QAM | 1 | 24 | 22.97 | 22.99 | 22.92 | 22.7 | 3 | |
| 5 | 64QAM | 12 | 0 | 22.01 | 22.02 | 21.94 | | | |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.95 | 21.85 | | | |
| 5 | 64QAM | 12 | 13 | 21.89 | 22.01 | 21.99 | 20.7 | 5 | |
| 5 | 64QAM | 25 | 0 | 21.98 | 22.02 | 21.97 | | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 20.05 | 19.91 | | | |
| 5 | 256QAM | 1 | 12 | 19.83 | 20.03 | 19.90 | 20.7 | 5 | |
| 5 | 256QAM | 1 | 24 | 19.93 | 19.91 | 19.89 | | | |
| 5 | 256QAM | 12 | 0 | 20.01 | 20.04 | 20.01 | | | |
| 5 | 256QAM | 12 | 7 | 19.68 | 19.89 | 19.75 | 20.7 | 5 | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.90 | 19.79 | | | |
| 5 | 256QAM | 25 | 0 | 19.91 | 19.97 | 19.94 | | | |

| Band 41 Ant4 Default-Other PA | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 39750 | 40185 | 40620 | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | |
| 20 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.21 | 25.7 | 0 | |
| 20 | QPSK | 1 | 49 | 24.87 | 25.00 | 25.01 | | | |
| 20 | QPSK | 1 | 99 | 24.90 | 24.88 | 24.96 | | | |
| 20 | QPSK | 50 | 0 | 24.12 | 24.13 | 24.14 | 24.7 | 1 | |
| 20 | QPSK | 50 | 24 | 24.03 | 23.93 | 24.07 | | | |
| 20 | QPSK | 50 | 50 | 24.03 | 24.00 | 24.11 | | | |
| 20 | QPSK | 100 | 0 | 24.01 | 24.00 | 24.07 | 24.7 | 1 | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.08 | 24.18 | | | |
| 20 | 16QAM | 1 | 49 | 23.93 | 24.05 | 24.12 | | | |
| 20 | 16QAM | 1 | 99 | 23.98 | 23.94 | 24.07 | 23.7 | 2 | |
| 20 | 16QAM | 50 | 0 | 23.06 | 22.97 | 23.11 | | | |
| 20 | 16QAM | 50 | 24 | 23.03 | 22.89 | 22.95 | | | |
| 20 | 16QAM | 50 | 50 | 22.98 | 23.06 | 23.02 | 23.7 | 2 | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.95 | 23.08 | | | |
| 20 | 64QAM | 1 | 0 | 23.16 | 23.21 | 23.19 | | | |
| 20 | 64QAM | 1 | 49 | 23.06 | 23.14 | 23.16 | 23.7 | 2 | |
| 20 | 64QAM | 1 | 99 | 23.03 | 23.05 | 23.20 | | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.12 | 22.12 | | | |
| 20 | 64QAM | 50 | 24 | 21.93 | 21.97 | 22.02 | 22.7 | 3 | |
| 20 | 64QAM | 50 | 50 | 21.96 | 21.83 | 21.92 | | | |
| 20 | 64QAM | 100 | 0 | 21.91 | 22.02 | 22.02 | | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.07 | 20.09 | 20.7 | 5 | |
| 20 | 256QAM | 1 | 49 | 19.85 | 19.91 | 19.91 | | | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.94 | 20.07 | | | |
| 20 | 256QAM | 50 | 0 | 20.01 | 20.00 | 20.07 | 20.7 | 5 | |
| 20 | 256QAM | 50 | 24 | 19.98 | 20.02 | 20.07 | | | |
| 20 | 256QAM | 50 | | | | | | | |



GSM1900 Ant5 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | 29.93 | 30.05 | 29.95 | 31.00 | 20.93 | 21.05 | 20.95 | 22.00 |
| GPRS 1 Tx slot | 29.92 | 30.03 | 29.94 | 31.00 | 20.92 | 21.03 | 20.94 | 22.00 |
| GPRS 2 Tx slots | 26.69 | 26.92 | 26.77 | 28.00 | 20.69 | 20.92 | 20.77 | 22.00 |
| GPRS 3 Tx slots | 24.78 | 25.06 | 24.86 | 26.20 | 20.52 | 20.80 | 20.60 | 21.94 |
| GPRS 4 Tx slots | 23.41 | 23.76 | 23.67 | 25.00 | 20.41 | 20.76 | 20.67 | 22.00 |
| EDGE 1 Tx slot | 25.67 | 25.86 | 25.59 | 27.00 | 16.67 | 16.86 | 16.59 | 18.00 |
| EDGE 2 Tx slots | 22.50 | 22.84 | 22.75 | 24.00 | 16.50 | 16.84 | 16.75 | 18.00 |
| EDGE 3 Tx slots | 20.87 | 21.09 | 21.01 | 22.20 | 16.81 | 16.83 | 16.75 | 17.94 |
| EDGE 4 Tx slots | 19.46 | 19.76 | 19.70 | 21.00 | 16.46 | 16.76 | 16.70 | 18.00 |

WCDMA II Ant5 Default

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1652.4 | 1680 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 24.00 | 24.13 | 24.06 | 25.00 | 24.03 | 24.15 | 24.11 | 25.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 24.01 | 24.14 | 24.08 | 25.00 | 24.05 | 24.17 | 24.12 | 25.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.98 | 23.18 | 23.06 | 24.00 | 23.03 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.91 | 23.22 | 22.94 | 24.00 | 23.11 | 23.19 | 23.06 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.51 | 22.59 | 22.62 | 23.50 | 22.59 | 22.56 | 22.48 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.57 | 22.64 | 22.67 | 23.50 | 22.64 | 22.61 | 22.54 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.19 | 23.19 | 23.14 | 24.00 | 23.11 | 23.16 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.94 | 23.12 | 22.96 | 24.00 | 22.93 | 23.09 | 22.91 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.59 | 22.69 | 22.56 | 23.50 | 22.53 | 22.66 | 22.56 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.54 | 22.73 | 22.62 | 23.50 | 22.59 | 22.70 | 22.51 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.08 | 23.23 | 23.10 | 24.00 | 23.07 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.22 | 21.05 | 21.21 | 22.00 | 21.18 | 21.02 | 21.19 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.12 | 22.20 | 22.06 | 23.00 | 22.03 | 22.17 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.12 | 21.20 | 21.08 | 22.00 | 20.97 | 21.17 | 21.09 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.07 | 23.13 | 22.95 | 24.00 | 23.07 | 23.10 | 23.04 | 24.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.49 | 20.71 | 20.62 | 21.50 | 20.59 | 20.68 | 20.50 | 22.00 |



| Band 38 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 25.13 | 25.19 | 25.15 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 25.06 | 25.18 | 25.07 | | | | |
| 20 | QPSK | 1 | 99 | 24.93 | 25.05 | 24.98 | | | | |
| 20 | QPSK | 50 | 0 | 24.08 | 24.14 | 24.06 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 23.97 | 24.06 | 23.94 | | | | |
| 20 | QPSK | 50 | 50 | 23.89 | 24.02 | 23.87 | | | | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.96 | 23.82 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.03 | 24.05 | 24.02 | | | | |
| 20 | 16QAM | 1 | 49 | 23.85 | 23.96 | 23.89 | | | | |
| 20 | 16QAM | 1 | 99 | 23.90 | 23.98 | 23.93 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 23.07 | 23.18 | 23.10 | | | | |
| 20 | 16QAM | 50 | 24 | 22.93 | 23.05 | 22.90 | | | | |
| 20 | 16QAM | 50 | 50 | 23.03 | 23.11 | 23.07 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.04 | 23.16 | 23.02 | | | | |
| 20 | 64QAM | 1 | 0 | 23.23 | 23.25 | 23.22 | | | | |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.22 | 23.16 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 23.04 | 23.20 | 23.14 | | | | |
| 20 | 64QAM | 50 | 0 | 22.02 | 22.17 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 22.01 | 22.02 | 21.97 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.08 | 22.14 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 21.99 | 22.10 | 21.93 | | | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.10 | 19.92 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 19.98 | 19.92 | | | | |
| 20 | 256QAM | 1 | 99 | 19.82 | 19.97 | 19.88 | | | | |
| 20 | 256QAM | 50 | 0 | 20.08 | 20.22 | 20.08 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 19.97 | 20.07 | 19.92 | | | | |
| 20 | 256QAM | 50 | 50 | 20.02 | 20.04 | 19.90 | | | | |
| 20 | 256QAM | 100 | 0 | 20.08 | 20.15 | 20.10 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.09 | 25.12 | 25.07 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.97 | 25.09 | 24.93 | | | | |
| 15 | QPSK | 1 | 74 | 24.90 | 24.94 | 24.88 | | | | |
| 15 | QPSK | 36 | 0 | 24.03 | 23.99 | 24.02 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 20 | 23.90 | 23.95 | 23.89 | | | | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.98 | 23.72 | | | | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.93 | 23.71 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 23.97 | 23.94 | 23.98 | | | | |
| 15 | 16QAM | 1 | 37 | 23.82 | 23.91 | 23.81 | | | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.91 | 23.87 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 0 | 22.93 | 23.04 | 22.97 | | | | |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.99 | 22.76 | | | | |
| 15 | 16QAM | 36 | 39 | 22.90 | 22.97 | 22.96 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.12 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 23.13 | 23.14 | 23.08 | | | | |
| 15 | 64QAM | 1 | 37 | 23.03 | 23.14 | 23.13 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 23.11 | 23.11 | | | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 22.03 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.92 | 21.86 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.95 | 22.06 | 22.05 | | | | |
| 15 | 64QAM | 75 | 0 | 21.91 | 22.00 | 21.85 | | | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.03 | 19.82 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.86 | 19.85 | | | | |
| 15 | 256QAM | 1 | 74 | 19.68 | 19.93 | 19.76 | | | | |
| 15 | 256QAM | 36 | 0 | 19.96 | 20.17 | 19.98 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.02 | 19.90 | | | | |
| 15 | 256QAM | 36 | 39 | 19.94 | 19.98 | 19.81 | | | | |
| 15 | 256QAM | 75 | 0 | 19.96 | 20.11 | 20.03 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.10 | 25.03 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.97 | 25.06 | 24.97 | | | | |
| 10 | QPSK | 1 | 49 | 24.84 | 24.99 | 24.90 | | | | |
| 10 | QPSK | 25 | 0 | 23.99 | 24.04 | 23.91 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 12 | 23.92 | 23.97 | 23.87 | | | | |
| 10 | QPSK | 25 | 25 | 23.79 | 23.93 | 23.79 | | | | |
| 10 | QPSK | 50 | 0 | 23.77 | 23.90 | 23.68 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.96 | | | | |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.90 | 23.80 | | | | |
| 10 | 16QAM | 1 | 49 | 23.75 | 23.84 | 23.78 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.11 | 23.07 | | | | |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.96 | 22.77 | | | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.01 | 23.04 | 23.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.03 | 22.88 | | | | |
| 10 | 64QAM | 1 | 0 | 23.10 | 23.18 | 23.08 | | | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.14 | 23.03 | 22.7 | 3 | | |
| 10 | 64QAM | 1 | 49 | 22.96 | 23.09 | 23.05 | | | | |
| 10 | 64QAM | 25 | 0 | 21.98 | 22.08 | 21.99 | | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.92 | 21.87 | 20.7 | 5 | | |
| 10 | 64QAM | 25 | 25 | 22.03 | 22.02 | 22.00 | | | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.99 | 21.78 | | | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.92 | 19.87 | | | | |
| 10 | 256QAM | 1 | 49 | 19.71 | 19.90 | 19.84 | | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.09 | 19.98 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.90 | 20.00 | 19.88 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.89 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.10 | 20.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.07 | 25.14 | 25.03 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.97 | 25.10 | 25.03 | | | | |
| 5 | QPSK | 1 | 24 | 24.84 | 24.98 | 24.83 | | | | |
| 5 | QPSK | 12 | 0 | 24.02 | 24.10 | 23.92 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 7 | 23.91 | 24.03 | 23.84 | | | | |
| 5 | QPSK | 12 | 13 | 23.75 | 23.90 | 23.79 | | | | |
| 5 | QPSK | 25 | 0 | 23.69 | 23.89 | 23.73 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 23.94 | 24.00 | 23.93 | | | | |
| 5 | 16QAM | 1 | 12 | 23.76 | 23.85 | 23.77 | | | | |
| 5 | 16QAM | 1 | 24 | 23.76 | 23.93 | 23.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.06 | 22.98 | | | | |
| 5 | 16QAM | 12 | 7 | 22.89 | 22.99 | 22.79 | | | | |
| 5 | 16QAM | 12 | 13 | 22.88 | 23.04 | 22.93 | 23.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.93 | 23.04 | 22.93 | | | | |
| 5 | 64QAM | 1 | 0 | 23.09 | 23.20 | 23.10 | | | | |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.12 | 23.02 | 22.7 | 3 | | |
| 5 | 64QAM | 1 | 24 | 22.93 | 23.08 | 23.01 | | | | |
| 5 | 64QAM | 12 | 0 | 21.88 | 22.04 | 21.95 | | | | |
| 5 | 64QAM | 12 | 7 | 21.88 | 21.99 | 21.84 | 20.7 | 5 | | |
| 5 | 64QAM | 12 | 13 | 21.95 | 21.99 | 21.97 | | | | |
| 5 | 64QAM | 25 | 0 | 21.88 | 22.07 | 21.89 | | | | |
| 5 | 256QAM | 1 | 0 | 19.91 | 19.99 | 19.79 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.76 | 19.85 | 19.87 | | | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 20.10 | 20.03 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.00 | 19.89 | | | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 19.96 | 19.81 | | | | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.07 | 20.06 | | | | |

| Band 41 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.23 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.95 | 24.92 | 25.09 | | | | |
| 20 | QPSK | 1 | 99 | 24.97 | 24.97 | 25.08 | | | | |
| 20 | QPSK | 50 | 0 | 23.99 | 24.12 | 24.14 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 24.07 | 23.99 | 24.11 | | | | |
| 20 | QPSK | 50 | 50 | 23.92 | 23.91 | 24.03 | | | | |
| 20 | QPSK | 100 | 0 | 24.01 | 23.98 | 24.06 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.06 | 24.07 | 24.16 | | | | |
| 20 | 16QAM | 1 | 49 | 24.08 | 24.02 | 24.17 | | | | |
| 20 | 16QAM | 1 | 99 | 23.96 | 23.92 | 24.03 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 23.08 | 23.13 | 23.13 | | | | |
| 20 | 16QAM | 50 | 24 | 22.98 | 22.91 | 23.00 | | | | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.01 | 23.11 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.11 | 23.00 | 23.08 | | | | |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.07 | 23.16 | | | | |
| 20 | 64QAM | | | | | | | | | |



FULL&Default Power for WWAN_Main PA

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 4 Ant3 Default and Channel.

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 7 Ant3 Default and Channel.

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 66 Ant3 Default and Channel.



| Band 38 Ant3 Default | | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | | |
| 20 | QPSK | 1 | 0 | 23.98 | 24.17 | 23.88 | 24.7 | 0 | | | |
| 20 | QPSK | 1 | 49 | 23.79 | 23.90 | 23.90 | | | | | |
| 20 | QPSK | 1 | 99 | 23.79 | 23.84 | 23.89 | | | | | |
| 20 | QPSK | 50 | 0 | 22.92 | 23.12 | 23.06 | | | | | |
| 20 | QPSK | 50 | 24 | 22.99 | 23.09 | 22.88 | | | | | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.97 | 22.80 | | | | | |
| 20 | QPSK | 100 | 0 | 22.87 | 23.04 | 22.99 | | | | | |
| 20 | 16QAM | 1 | 0 | 22.91 | 23.00 | 23.01 | | | | | |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.88 | 22.94 | | | | | |
| 20 | 16QAM | 1 | 99 | 22.92 | 23.02 | 22.76 | | | | | |
| 20 | 16QAM | 50 | 0 | 22.10 | 22.10 | 21.86 | | | | | |
| 20 | 16QAM | 50 | 24 | 21.85 | 21.95 | 21.92 | | | | | |
| 20 | 16QAM | 50 | 50 | 22.00 | 22.10 | 21.93 | | | | | |
| 20 | 16QAM | 100 | 0 | 21.94 | 22.11 | 21.97 | | | | | |
| 20 | 84QAM | 1 | 0 | 22.02 | 22.14 | 22.09 | | | | | |
| 20 | 84QAM | 1 | 49 | 21.97 | 22.10 | 21.91 | | | | | |
| 20 | 84QAM | 1 | 99 | 22.00 | 21.90 | 21.95 | | | | | |
| 20 | 84QAM | 50 | 0 | 20.86 | 21.04 | 20.91 | | | | | |
| 20 | 84QAM | 50 | 24 | 20.91 | 20.79 | 20.80 | | | | | |
| 20 | 84QAM | 50 | 50 | 20.85 | 20.97 | 21.05 | | | | | |
| 20 | 84QAM | 100 | 0 | 21.05 | 21.13 | 21.04 | | | | | |
| 20 | 256QAM | 1 | 0 | 18.93 | 19.03 | 19.10 | | | | | |
| 20 | 256QAM | 1 | 49 | 18.86 | 18.91 | 18.73 | | | | | |
| 20 | 256QAM | 1 | 99 | 19.00 | 19.13 | 18.94 | | | | | |
| 20 | 256QAM | 50 | 0 | 18.99 | 19.05 | 18.95 | | | | | |
| 20 | 256QAM | 50 | 24 | 18.87 | 19.08 | 18.90 | | | | | |
| 20 | 256QAM | 50 | 50 | 18.88 | 18.85 | 18.92 | | | | | |
| 20 | 256QAM | 100 | 0 | 18.99 | 19.11 | 19.17 | | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | | |
| 15 | QPSK | 1 | 0 | 23.87 | 23.78 | 23.78 | 24.7 | 0 | | | |
| 15 | QPSK | 1 | 37 | 23.74 | 23.73 | 23.64 | | | | | |
| 15 | QPSK | 1 | 74 | 23.67 | 23.65 | 23.72 | | | | | |
| 15 | QPSK | 36 | 0 | 22.91 | 22.91 | 22.81 | | | | | |
| 15 | QPSK | 36 | 20 | 22.72 | 22.81 | 22.91 | | | | | |
| 15 | QPSK | 36 | 39 | 22.76 | 22.91 | 22.71 | | | | | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.97 | 22.72 | | | | | |
| 15 | 16QAM | 1 | 0 | 22.66 | 22.62 | 22.77 | | | | | |
| 15 | 16QAM | 1 | 37 | 22.62 | 22.77 | 22.70 | | | | | |
| 15 | 16QAM | 1 | 74 | 22.76 | 22.70 | 22.68 | | | | | |
| 15 | 16QAM | 36 | 0 | 21.93 | 21.81 | 21.67 | | | | | |
| 15 | 16QAM | 36 | 20 | 21.72 | 21.79 | 21.71 | | | | | |
| 15 | 16QAM | 36 | 39 | 21.83 | 21.94 | 21.67 | | | | | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.92 | 21.71 | | | | | |
| 15 | 84QAM | 1 | 0 | 21.83 | 21.86 | 21.94 | | | | | |
| 15 | 84QAM | 1 | 37 | 21.62 | 21.70 | 21.70 | | | | | |
| 15 | 84QAM | 1 | 74 | 21.79 | 21.72 | 21.63 | | | | | |
| 15 | 84QAM | 36 | 0 | 20.73 | 20.74 | 20.73 | | | | | |
| 15 | 84QAM | 36 | 20 | 20.61 | 20.68 | 20.80 | | | | | |
| 15 | 84QAM | 36 | 39 | 20.81 | 20.80 | 20.81 | | | | | |
| 15 | 84QAM | 75 | 0 | 20.94 | 20.88 | 20.87 | | | | | |
| 15 | 256QAM | 1 | 0 | 18.86 | 18.87 | 18.71 | | | | | |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.75 | 18.70 | | | | | |
| 15 | 256QAM | 1 | 74 | 18.83 | 18.85 | 18.85 | | | | | |
| 15 | 256QAM | 36 | 0 | 18.82 | 18.67 | 18.94 | | | | | |
| 15 | 256QAM | 36 | 20 | 18.70 | 18.79 | 18.85 | | | | | |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.76 | 18.76 | | | | | |
| 15 | 256QAM | 75 | 0 | 18.85 | 19.08 | 18.83 | | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | | |
| 10 | QPSK | 1 | 0 | 23.82 | 23.87 | 23.83 | 24.7 | 0 | | | |
| 10 | QPSK | 1 | 25 | 23.67 | 23.71 | 23.73 | | | | | |
| 10 | QPSK | 1 | 49 | 23.57 | 23.65 | 23.77 | | | | | |
| 10 | QPSK | 25 | 0 | 22.75 | 22.88 | 22.93 | | | | | |
| 10 | QPSK | 25 | 12 | 22.93 | 22.69 | 22.71 | | | | | |
| 10 | QPSK | 25 | 25 | 22.74 | 22.90 | 22.64 | | | | | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.92 | 22.77 | | | | | |
| 10 | 16QAM | 1 | 0 | 22.77 | 23.02 | 22.86 | | | | | |
| 10 | 16QAM | 1 | 25 | 22.70 | 22.79 | 22.86 | | | | | |
| 10 | 16QAM | 1 | 49 | 22.87 | 22.88 | 22.68 | | | | | |
| 10 | 16QAM | 25 | 0 | 21.79 | 21.96 | 21.68 | | | | | |
| 10 | 16QAM | 25 | 12 | 21.75 | 21.74 | 21.80 | | | | | |
| 10 | 16QAM | 25 | 25 | 21.77 | 21.91 | 21.65 | | | | | |
| 10 | 16QAM | 50 | 0 | 21.68 | 22.04 | 21.81 | | | | | |
| 10 | 84QAM | 1 | 0 | 21.82 | 21.95 | 21.94 | | | | | |
| 10 | 84QAM | 1 | 25 | 21.73 | 21.80 | 21.77 | | | | | |
| 10 | 84QAM | 1 | 49 | 21.86 | 21.69 | 21.78 | | | | | |
| 10 | 84QAM | 25 | 0 | 20.73 | 20.81 | 20.68 | | | | | |
| 10 | 84QAM | 25 | 12 | 20.64 | 20.69 | 20.78 | | | | | |
| 10 | 84QAM | 25 | 25 | 20.75 | 20.73 | 20.96 | | | | | |
| 10 | 84QAM | 50 | 0 | 20.97 | 20.89 | 20.77 | | | | | |
| 10 | 256QAM | 1 | 0 | 18.79 | 18.88 | 18.94 | | | | | |
| 10 | 256QAM | 1 | 25 | 18.56 | 18.77 | 18.61 | | | | | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.91 | 18.80 | | | | | |
| 10 | 256QAM | 25 | 0 | 18.60 | 18.71 | 18.83 | | | | | |
| 10 | 256QAM | 25 | 12 | 18.78 | 18.72 | 18.70 | | | | | |
| 10 | 256QAM | 25 | 25 | 18.85 | 18.76 | 18.76 | | | | | |
| 10 | 256QAM | 50 | 0 | 18.84 | 18.97 | 18.87 | | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | | |
| 5 | QPSK | 1 | 0 | 23.77 | 23.91 | 23.72 | 24.7 | 0 | | | |
| 5 | QPSK | 1 | 12 | 23.66 | 23.65 | 23.66 | | | | | |
| 5 | QPSK | 1 | 24 | 23.58 | 23.69 | 23.63 | | | | | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.80 | 22.90 | | | | | |
| 5 | QPSK | 12 | 7 | 22.77 | 22.68 | 22.79 | | | | | |
| 5 | QPSK | 12 | 13 | 22.77 | 22.93 | 22.61 | | | | | |
| 5 | QPSK | 25 | 0 | 22.94 | 22.87 | 22.75 | | | | | |
| 5 | 16QAM | 1 | 0 | 22.56 | 22.85 | 22.88 | | | | | |
| 5 | 16QAM | 1 | 12 | 22.51 | 22.74 | 22.76 | | | | | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.71 | 22.71 | | | | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 21.90 | 21.72 | | | | | |
| 5 | 16QAM | 12 | 7 | 21.61 | 21.69 | 21.60 | | | | | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.83 | 21.73 | | | | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.91 | 21.78 | | | | | |
| 5 | 84QAM | 1 | 0 | 21.83 | 21.83 | 21.85 | | | | | |
| 5 | 84QAM | 1 | 12 | 21.73 | 21.88 | 21.82 | | | | | |
| 5 | 84QAM | 1 | 24 | 21.75 | 21.73 | 21.79 | | | | | |
| 5 | 84QAM | 12 | 0 | 20.81 | 20.91 | 20.84 | | | | | |
| 5 | 84QAM | 12 | 7 | 20.60 | 20.57 | 20.77 | | | | | |
| 5 | 84QAM | 12 | 13 | 20.75 | 20.83 | 20.78 | | | | | |
| 5 | 84QAM | 25 | 0 | 20.94 | 20.98 | 20.78 | | | | | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.89 | 18.94 | | | | | |
| 5 | 256QAM | 1 | 12 | 18.65 | 18.66 | 18.64 | | | | | |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.92 | 18.83 | | | | | |
| 5 | 256QAM | 12 | 0 | 18.72 | 18.86 | 18.87 | | | | | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.69 | 18.81 | | | | | |
| 5 | 256QAM | 12 | 13 | 18.93 | 18.67 | 18.76 | | | | | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.97 | 18.86 | | | | | |

| Band 41 Ant3 Default | | | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|--|--|
| 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 | 24.05 | 24.10 | 24.24 | 24.10 | 24.16 | 24.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 23.87 | 24.10 | 24.05 | 24.01 | 24.11 | | | | |
| 20 | QPSK | 1 | 99 | 24.06 | 23.95 | 24.10 | 24.05 | 24.08 | | | | |
| 20 | QPSK | 50 | 0 | 23.04 | 22.97 | 23.20 | 22.99 | 22.95 | | | | |
| 20 | QPSK | 50 | 24 | 22.97 | 22.95 | 23.00 | 23.08 | 23.03 | | | | |
| 20 | QPSK | 50 | 50 | 23.11 | 22.88 | 23.07 | 23.08 | 22.92 | | | | |
| 20 | QPSK | 100 | 0 | 22.91 | 23.10 | 23.15 | 23.09 | 23.05 | | | | |
| 20 | 16QAM | 1 | 0 | 22.97 | 23.19 | 23.08 | 23.14 | 23.00 | | | | |
| 20 | 16QAM | 1 | 49 | 22.84 | 22.92 | 23.14 | 22.89 | 23.04 | | | | |



| Band 4 Ant4 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------|----------|------|---|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 24.18 | 24.23 | 24.11 | | | | |
| 20 | QPSK | 1 | 49 | 24.18 | 24.23 | 24.11 | | | 24.7 | 0 |
| 20 | QPSK | 1 | 99 | 24.18 | 24.08 | 24.35 | | | | |
| 20 | QPSK | 50 | 0 | 24.08 | 24.22 | 24.02 | | | | |
| 20 | QPSK | 50 | 24 | 24.08 | 24.08 | 24.02 | | | 24.7 | 0 |
| 20 | QPSK | 50 | 50 | 24.16 | 24.16 | 24.37 | | | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.15 | 24.07 | | | | |
| 20 | QPSK | 100 | 0 | 24.17 | 24.17 | 24.35 | | | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.02 | 24.04 | 24.93 | | | | |
| 20 | 16QAM | 1 | 99 | 23.87 | 23.90 | 23.85 | | | | |
| 20 | 16QAM | 50 | 0 | 22.99 | 23.03 | 22.92 | | | | |
| 20 | 16QAM | 50 | 24 | 22.85 | 23.10 | 22.93 | | | 23.7 | 1 |
| 20 | 16QAM | 100 | 0 | 22.85 | 22.93 | 22.95 | | | | |
| 20 | 16QAM | 100 | 0 | 22.91 | 23.13 | 22.93 | | | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.02 | 23.25 | 23.03 | | | | |
| 20 | 16QAM | 1 | 49 | 23.01 | 23.19 | 22.82 | | | | |
| 20 | 16QAM | 50 | 0 | 21.85 | 22.14 | 21.98 | | | | |
| 20 | 16QAM | 50 | 24 | 21.98 | 22.02 | 21.91 | | | 22.7 | 2 |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.23 | 22.20 | | | | |
| 20 | 16QAM | 100 | 0 | 22.21 | 22.23 | 22.20 | | | | |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.15 | 18.98 | | | | |
| 20 | 256QAM | 1 | 99 | 18.83 | 19.10 | 19.05 | | | 19.7 | 5 |
| 20 | 256QAM | 50 | 0 | 18.92 | 19.09 | 18.95 | | | | |
| 20 | 256QAM | 50 | 24 | 18.75 | 18.92 | 18.98 | | | 19.7 | 5 |
| 20 | 256QAM | 100 | 0 | 18.88 | 18.84 | 18.96 | | | | |
| 20 | 256QAM | 100 | 0 | 18.92 | 18.87 | 18.87 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 24.08 | 24.14 | 24.03 | | | | |
| 15 | QPSK | 1 | 37 | 23.91 | 24.01 | 23.95 | | | 24.7 | 0 |
| 15 | QPSK | 1 | 74 | 23.86 | 23.96 | 24.02 | | | | |
| 15 | QPSK | 36 | 0 | 24.08 | 24.08 | 24.17 | | | | |
| 15 | QPSK | 36 | 24 | 23.94 | 24.15 | 23.97 | | | 24.7 | 0 |
| 15 | QPSK | 36 | 39 | 23.99 | 23.99 | 24.24 | | | | |
| 15 | QPSK | 75 | 0 | 24.11 | 24.13 | 24.06 | | | | |
| 15 | 16QAM | 1 | 0 | 24.02 | 24.13 | 24.06 | | | 24.7 | 0 |
| 15 | 16QAM | 1 | 37 | 23.87 | 24.08 | 24.12 | | | | |
| 15 | 16QAM | 1 | 74 | 23.74 | 23.94 | 24.01 | | | | |
| 15 | 16QAM | 36 | 0 | 22.95 | 23.15 | 22.93 | | | | |
| 15 | 16QAM | 36 | 29 | 22.92 | 23.05 | 22.94 | | | 23.7 | 1 |
| 15 | 16QAM | 75 | 0 | 23.01 | 23.07 | 23.02 | | | | |
| 15 | 16QAM | 75 | 0 | 23.01 | 23.07 | 23.02 | | | 23.7 | 1 |
| 15 | 16QAM | 1 | 0 | 23.11 | 23.17 | 23.05 | | | | |
| 15 | 16QAM | 1 | 37 | 23.01 | 23.09 | 23.04 | | | | |
| 15 | 16QAM | 1 | 74 | 22.96 | 23.13 | 22.75 | | | | |
| 15 | 16QAM | 36 | 0 | 22.95 | 22.92 | 21.88 | | | 22.7 | 2 |
| 15 | 16QAM | 36 | 29 | 22.87 | 23.08 | 22.84 | | | | |
| 15 | 16QAM | 36 | 39 | 21.98 | 22.01 | 21.75 | | | | |
| 15 | 16QAM | 75 | 0 | 22.11 | 21.99 | 22.20 | | | | |
| 15 | 256QAM | 1 | 37 | 18.92 | 19.06 | 18.98 | | | | |
| 15 | 256QAM | 1 | 74 | 18.92 | 18.90 | 19.03 | | | 19.7 | 5 |
| 15 | 256QAM | 36 | 0 | 18.92 | 18.94 | 18.95 | | | | |
| 15 | 256QAM | 36 | 29 | 18.91 | 18.95 | 18.72 | | | 19.7 | 5 |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.89 | 18.75 | | | | |
| 15 | 256QAM | 75 | 0 | 18.93 | 18.93 | 18.93 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.07 | 24.10 | 24.05 | | | | |
| 10 | QPSK | 1 | 25 | 24.03 | 24.06 | 24.06 | | | 24.7 | 0 |
| 10 | QPSK | 1 | 49 | 23.98 | 23.94 | 24.21 | | | | |
| 10 | QPSK | 12 | 0 | 24.06 | 24.07 | 24.06 | | | | |
| 10 | QPSK | 12 | 13 | 24.02 | 24.13 | 24.03 | | | 24.7 | 0 |
| 10 | QPSK | 25 | 0 | 24.06 | 24.13 | 24.03 | | | | |
| 10 | QPSK | 25 | 25 | 24.09 | 24.08 | 24.02 | | | | |
| 10 | 16QAM | 1 | 0 | 24.07 | 24.10 | 24.05 | | | 24.7 | 0 |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.10 | 24.11 | | | | |
| 10 | 16QAM | 1 | 26 | 24.05 | 24.10 | 24.04 | | | | |
| 10 | 16QAM | 1 | 49 | 23.97 | 24.07 | 24.07 | | | 24.7 | 0 |
| 10 | 16QAM | 25 | 0 | 22.96 | 23.13 | 23.01 | | | | |
| 10 | 16QAM | 25 | 12 | 22.90 | 23.10 | 22.97 | | | 23.7 | 1 |
| 10 | 16QAM | 50 | 0 | 22.93 | 23.09 | 22.98 | | | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.25 | 23.12 | | | | |
| 10 | 16QAM | 1 | 0 | 23.07 | 23.30 | 23.17 | | | 23.7 | 1 |
| 10 | 16QAM | 1 | 26 | 22.97 | 23.06 | 23.06 | | | | |
| 10 | 16QAM | 1 | 49 | 22.95 | 22.94 | 23.02 | | | | |
| 10 | 16QAM | 25 | 0 | 22.07 | 21.96 | 22.00 | | | | |
| 10 | 16QAM | 25 | 12 | 21.82 | 21.98 | 21.77 | | | 22.7 | 2 |
| 10 | 16QAM | 25 | 26 | 22.08 | 22.02 | 21.82 | | | | |
| 10 | 16QAM | 50 | 0 | 22.18 | 22.00 | 22.10 | | | | |
| 10 | 256QAM | 1 | 49 | 18.91 | 18.90 | 18.94 | | | | |
| 10 | 256QAM | 1 | 26 | 18.10 | 18.00 | 18.99 | | | 19.7 | 5 |
| 10 | 256QAM | 1 | 49 | 18.92 | 18.86 | 19.04 | | | | |
| 10 | 256QAM | 12 | 0 | 18.93 | 18.93 | 18.93 | | | | |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.94 | 18.75 | | | 19.7 | 5 |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.89 | 18.81 | | | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.97 | 18.97 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.07 | 24.10 | 24.05 | | | | |
| 5 | QPSK | 1 | 12 | 23.89 | 24.19 | 23.88 | | | 24.7 | 0 |
| 5 | QPSK | 1 | 24 | 24.01 | 24.10 | 24.04 | | | | |
| 5 | QPSK | 12 | 0 | 24.06 | 24.07 | 24.06 | | | | |
| 5 | QPSK | 12 | 7 | 24.12 | 24.02 | 24.07 | | | 24.7 | 0 |
| 5 | QPSK | 12 | 13 | 24.14 | 24.17 | 24.03 | | | | |
| 5 | QPSK | 25 | 0 | 24.06 | 24.20 | 24.09 | | | | |
| 5 | 16QAM | 1 | 0 | 24.06 | 24.22 | 24.10 | | | 24.7 | 0 |
| 5 | 16QAM | 1 | 12 | 24.02 | 24.02 | 24.00 | | | | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.98 | 24.01 | | | | |
| 5 | 16QAM | 12 | 0 | 22.94 | 23.16 | 23.06 | | | | |
| 5 | 16QAM | 12 | 7 | 22.88 | 22.94 | 23.03 | | | 23.7 | 1 |
| 5 | 16QAM | 25 | 0 | 23.05 | 23.08 | 22.98 | | | | |
| 5 | 16QAM | 25 | 0 | 23.12 | 23.23 | 23.20 | | | | |
| 5 | 16QAM | 1 | 0 | 23.06 | 23.17 | 23.12 | | | 23.7 | 1 |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.21 | 23.00 | | | | |
| 5 | 16QAM | 1 | 24 | 22.81 | 23.14 | 22.91 | | | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.95 | 21.99 | | | 22.7 | 2 |
| 5 | 16QAM | 12 | 7 | 21.93 | 21.84 | 21.88 | | | | |
| 5 | 16QAM | 12 | 13 | 21.85 | 21.95 | 21.95 | | | | |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.18 | 22.05 | | | | |
| 5 | 256QAM | 1 | 49 | 18.94 | 18.99 | 18.94 | | | | |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.99 | 18.92 | | | 19.7 | 5 |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.91 | 18.87 | | | | |
| 5 | 256QAM | 12 | 0 | 18.89 | 18.91 | 18.93 | | | | |
| 5 | 256QAM | 12 | 7 | 18.71 | 18.84 | 18.92 | | | 19.7 | 5 |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.87 | 18.91 | | | | |
| 5 | 256QAM | 25 | 0 | 18.91 | 18.97 | 18.98 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 24.07 | 24.10 | 24.05 | | | | |
| 3 | QPSK | 1 | 8 | 24.07 | 24.20 | 23.96 | | | 24.7 | 0 |
| 3 | QPSK | 1 | 14 | 24.08 | 24.12 | 23.98 | | | | |
| 3 | QPSK | 8 | 0 | 24.04 | 24.07 | 24.09 | | | | |
| 3 | QPSK | 8 | 4 | 23.88 | 24.16 | 23.92 | | | 24.7 | 0 |
| 3 | QPSK | 8 | 7 | 24.04 | 23.97 | 23.93 | | | | |
| 3 | QPSK | 15 | 0 | 24.13 | 24.09 | 24.13 | | | | |
| 3 | 16QAM | 1 | 0 | 24.16 | 24.07 | 23.92 | | | 24.7 | 0 |
| 3 | 16QAM | 1 | 8 | 23.98 | 24.16 | 24.06 | | | | |
| 3 | 16QAM | 1 | 14 | 23.92 | 23.98 | 23.87 | | | 23.7 | 1 |
| 3 | 16QAM | 8 | 0 | 22.95 | 22.93 | 22.86 | | | | |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.88 | 22.83 | | | | |
| 3 | 16QAM | 15 | 0 | 23.03 | 23.08 | 22.92 | | | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.20 | 23.21 | | | 23.7 | 1 |
| 3 | 16QAM | 1 | 0 | 23.04 | 23.18 | 23.10 | | | | |
| 3 | 16QAM | 1 | 8 | 22.99 | 23.05 | 23.02 | | | | |
| 3 | 16QAM | 1 | 14 | 22.90 | 2 | | | | | |



| Band 38 Ant4 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 24.16 | 24.19 | 24.09 | 24.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 23.79 | 23.95 | 23.87 | | | | |
| 20 | QPSK | 1 | 99 | 23.76 | 23.91 | 24.02 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 0 | 23.13 | 23.15 | 23.05 | | | | |
| 20 | QPSK | 50 | 24 | 22.95 | 23.09 | 23.06 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 22.99 | 22.98 | 22.96 | | | | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.15 | 23.03 | 23.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 23.08 | 23.02 | 23.03 | | | | |
| 20 | 16QAM | 1 | 49 | 22.82 | 23.12 | 22.93 | 23.7 | 1 | | |
| 20 | 16QAM | 1 | 99 | 23.06 | 23.07 | 22.89 | | | | |
| 20 | 16QAM | 50 | 0 | 22.03 | 21.95 | 22.02 | 22.7 | 2 | | |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.95 | 22.07 | | | | |
| 20 | 16QAM | 50 | 50 | 21.81 | 22.02 | 21.89 | 22.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 21.95 | 22.16 | 22.07 | | | | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.06 | 22.00 | 22.7 | 2 | | |
| 20 | 64QAM | 1 | 49 | 22.02 | 22.09 | 22.05 | | | | |
| 20 | 64QAM | 1 | 99 | 21.95 | 22.17 | 21.97 | 21.7 | 3 | | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.07 | 20.97 | | | | |
| 20 | 64QAM | 50 | 24 | 20.92 | 20.94 | 20.76 | 21.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 21.06 | 21.11 | 21.11 | | | | |
| 20 | 64QAM | 100 | 0 | 20.95 | 20.94 | 21.08 | 19.7 | 5 | | |
| 20 | 256QAM | 1 | 0 | 18.94 | 19.00 | 19.00 | | | | |
| 20 | 256QAM | 1 | 49 | 18.88 | 18.90 | 19.02 | 19.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 18.85 | 19.02 | 19.00 | | | | |
| 20 | 256QAM | 50 | 0 | 19.00 | 18.98 | 18.88 | 19.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 18.86 | 18.91 | 18.80 | | | | |
| 20 | 256QAM | 50 | 50 | 18.80 | 18.87 | 18.92 | 25.0 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.81 | 19.17 | 18.91 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 24.10 | 24.14 | 23.98 | 24.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 23.90 | 23.97 | 23.97 | | | | |
| 15 | QPSK | 1 | 74 | 23.95 | 23.97 | 23.91 | 23.7 | 1 | | |
| 15 | QPSK | 36 | 0 | 23.05 | 23.12 | 23.06 | | | | |
| 15 | QPSK | 36 | 20 | 22.93 | 23.05 | 22.95 | 23.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 22.97 | 22.96 | 22.86 | | | | |
| 15 | QPSK | 75 | 0 | 22.90 | 23.08 | 22.82 | 23.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 22.83 | 23.03 | 23.13 | | | | |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.99 | 23.00 | 23.7 | 1 | | |
| 15 | 16QAM | 1 | 74 | 22.87 | 22.91 | 22.80 | | | | |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.04 | 22.00 | 22.7 | 2 | | |
| 15 | 16QAM | 36 | 20 | 21.97 | 21.92 | 22.05 | | | | |
| 15 | 16QAM | 36 | 39 | 21.76 | 21.95 | 21.80 | 22.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 21.96 | 22.09 | 22.02 | | | | |
| 15 | 64QAM | 1 | 0 | 22.10 | 22.06 | 22.12 | 22.7 | 2 | | |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.07 | 22.02 | | | | |
| 15 | 64QAM | 1 | 74 | 22.02 | 22.00 | 21.96 | 21.7 | 3 | | |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.93 | 20.89 | | | | |
| 15 | 64QAM | 36 | 20 | 20.80 | 20.85 | 20.89 | 21.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 20.85 | 21.05 | 21.00 | | | | |
| 15 | 64QAM | 75 | 0 | 21.05 | 20.91 | 20.98 | 19.7 | 5 | | |
| 15 | 256QAM | 1 | 0 | 19.05 | 19.16 | 18.98 | | | | |
| 15 | 256QAM | 1 | 37 | 18.93 | 18.98 | 19.02 | 19.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.07 | 18.95 | | | | |
| 15 | 256QAM | 36 | 0 | 19.08 | 18.97 | 19.08 | 19.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.94 | 18.86 | | | | |
| 15 | 256QAM | 36 | 39 | 18.85 | 19.01 | 18.87 | 25.0 | 0 | | |
| 15 | 256QAM | 75 | 0 | 19.00 | 19.11 | 18.93 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 24.05 | 24.15 | 24.10 | 24.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 23.93 | 23.86 | 23.94 | | | | |
| 10 | QPSK | 1 | 49 | 23.86 | 24.03 | 23.91 | 23.7 | 1 | | |
| 10 | QPSK | 25 | 0 | 23.12 | 23.00 | 23.08 | | | | |
| 10 | QPSK | 25 | 12 | 23.13 | 23.04 | 22.93 | 23.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 22.93 | 23.05 | 22.88 | | | | |
| 10 | QPSK | 50 | 0 | 22.93 | 22.96 | 22.99 | 23.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 22.88 | 23.12 | 22.94 | | | | |
| 10 | 16QAM | 1 | 25 | 22.80 | 23.10 | 22.96 | 23.7 | 1 | | |
| 10 | 16QAM | 1 | 49 | 22.81 | 23.04 | 22.72 | | | | |
| 10 | 16QAM | 25 | 0 | 21.87 | 22.07 | 22.10 | 22.7 | 2 | | |
| 10 | 16QAM | 25 | 12 | 22.00 | 21.90 | 22.02 | | | | |
| 10 | 16QAM | 25 | 25 | 21.76 | 21.95 | 21.78 | 22.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 21.96 | 22.20 | 22.00 | | | | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.09 | 21.96 | 22.7 | 2 | | |
| 10 | 64QAM | 1 | 25 | 21.88 | 22.15 | 21.92 | | | | |
| 10 | 64QAM | 1 | 49 | 21.96 | 22.03 | 21.90 | 21.7 | 3 | | |
| 10 | 64QAM | 25 | 0 | 21.12 | 21.04 | 20.82 | | | | |
| 10 | 64QAM | 25 | 12 | 20.78 | 21.09 | 20.95 | 21.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 20.86 | 21.03 | 21.11 | | | | |
| 10 | 64QAM | 50 | 0 | 21.04 | 20.92 | 20.90 | 19.7 | 5 | | |
| 10 | 256QAM | 1 | 0 | 19.01 | 19.10 | 18.94 | | | | |
| 10 | 256QAM | 1 | 25 | 18.86 | 18.92 | 18.85 | 19.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.95 | 18.96 | | | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 18.94 | 18.93 | 19.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.77 | | | | |
| 10 | 256QAM | 25 | 25 | 18.81 | 19.03 | 18.75 | 25.0 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.93 | 18.98 | 19.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 23.98 | 24.17 | 24.01 | 24.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 23.71 | 23.96 | 23.88 | | | | |
| 5 | QPSK | 1 | 24 | 23.72 | 23.99 | 23.86 | 23.7 | 1 | | |
| 5 | QPSK | 12 | 0 | 23.13 | 23.09 | 22.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.10 | 23.03 | 22.95 | 23.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 22.83 | 23.05 | 22.95 | | | | |
| 5 | QPSK | 25 | 0 | 22.95 | 23.07 | 22.82 | 23.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 22.88 | 23.11 | 23.10 | | | | |
| 5 | 16QAM | 1 | 12 | 22.91 | 23.01 | 23.00 | 23.7 | 1 | | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.95 | 22.86 | | | | |
| 5 | 16QAM | 12 | 0 | 21.99 | 22.05 | 22.00 | 22.7 | 2 | | |
| 5 | 16QAM | 12 | 7 | 21.91 | 22.00 | 22.02 | | | | |
| 5 | 16QAM | 12 | 13 | 21.75 | 21.94 | 21.87 | 22.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.01 | 22.03 | 21.92 | | | | |
| 5 | 64QAM | 1 | 0 | 22.00 | 22.11 | 21.89 | 22.7 | 2 | | |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.99 | 22.00 | | | | |
| 5 | 64QAM | 1 | 24 | 22.04 | 22.00 | 21.86 | 21.7 | 3 | | |
| 5 | 64QAM | 12 | 0 | 21.14 | 21.02 | 21.02 | | | | |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.87 | 20.85 | 21.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 20.93 | 21.09 | 20.92 | | | | |
| 5 | 64QAM | 25 | 0 | 20.93 | 21.00 | 21.09 | 19.7 | 5 | | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.02 | 18.98 | | | | |
| 5 | 256QAM | 1 | 12 | 18.74 | 18.98 | 19.01 | 19.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 18.90 | 19.04 | 18.79 | | | | |
| 5 | 256QAM | 12 | 0 | 19.09 | 19.09 | 18.89 | 19.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 18.82 | 18.96 | 18.80 | | | | |
| 5 | 256QAM | 12 | 13 | 18.79 | 18.86 | 18.79 | 25.0 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.92 | 19.14 | 19.02 | | | | |

| Band 41 Ant4 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 23.85 | 23.96 | 24.20 | 23.90 | 23.94 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.85 | 23.88 | 23.80 | 23.86 | 23.91 | | |
| 20 | QPSK | 1 | 99 | 23.85 | 23.83 | 23.94 | 23.74 | 23.82 | 23.7 | 1 |
| 20 | QPSK | 50 | 0 | 22.93 | 23.07 | 23.10 | 22.96 | 22.83 | | |
| 20 | QPSK | 50 | 24 | 23.00 | 22.91 | 22.97 | 22.98 | 23.01 | 23.7 | 1 |
| 20 | QPSK | 50 | 50 | 23.00 | 22.97 | 23.06 | 22.84 | 22.88 | | |
| 20 | QPSK | 100 | 0 | 22.99 | 22.95 | 23.04 | 22.92 | 22.91 | 23.7 | 1 |
| 20 | 16QAM | 1 | 0 | 22.85 | 22.88 | 23.05 | 23.12 | 23.11 | | |
| 20 | 16QAM | 1 | | | | | | | | |



Reduced Power Mode for WWAN for DSI 4

GSM850 Ant0 Default

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.81 | 32.86 | 32.92 | 34.00 | 23.81 | 23.86 | 23.92 | 25.00 |
| GPRS 1 Tx slots | 32.80 | 32.85 | 32.90 | 34.00 | 23.80 | 23.85 | 23.90 | 25.00 |
| GPRS 2 Tx slots | 29.93 | 29.96 | 29.98 | 31.00 | 23.93 | 23.96 | 23.98 | 25.00 |
| GPRS 3 Tx slots | 28.11 | 28.13 | 28.04 | 29.20 | 23.85 | 23.87 | 23.78 | 24.94 |
| GPRS 4 Tx slots | 27.05 | 27.11 | 26.94 | 28.00 | 24.05 | 24.11 | 23.94 | 25.00 |
| EDGE 1 Tx slot | 26.72 | 26.88 | 26.79 | 28.00 | 17.72 | 17.88 | 17.79 | 19.00 |
| EDGE 2 Tx slots | 23.77 | 23.85 | 23.67 | 25.00 | 17.77 | 17.85 | 17.67 | 19.00 |
| EDGE 3 Tx slots | 21.92 | 22.06 | 21.99 | 23.20 | 17.66 | 17.80 | 17.73 | 18.94 |
| EDGE 4 Tx slots | 20.68 | 20.79 | 20.72 | 22.00 | 17.66 | 17.79 | 17.72 | 19.00 |

WCDMA V Ant0 Default

| Band TX Channel | WCDMA V | | | Tune-up Limit (dBm) |
|------------------------------------|---------|-------|-------|---------------------------|
| | 4132 | 4182 | 4233 | |
| Rx Channel | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | |
| 3GPP Rel 99 AMR 12.2kbps | 24.03 | 24.11 | 24.10 | 25.00 |
| 3GPP Rel 99 RMC 12.2kbps | 24.05 | 24.12 | 24.11 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 23.03 | 23.06 | 22.99 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 23.05 | 23.15 | 22.92 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.62 | 22.45 | 22.63 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.59 | 22.51 | 22.68 | 24.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-1 | 23.23 | 23.09 | 23.05 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-2 | 23.06 | 23.06 | 22.94 | 24.00 |
| 3GPP Rel 6 DC-HSDPA Subtest-3 | 22.67 | 22.55 | 22.48 | 23.50 |
| 3GPP Rel 6 DC-HSDPA Subtest-4 | 22.61 | 22.59 | 22.57 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.11 | 23.03 | 23.11 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.26 | 20.98 | 21.08 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.16 | 22.13 | 21.94 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.13 | 21.04 | 20.88 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.15 | 23.11 | 23.15 | 24.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.60 | 20.57 | 20.53 | 21.50 |



| Band 5 Ant0 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20450 | 20525 | 20600 | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.49 | 24.40 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.37 | 24.39 | 24.33 | | | | |
| 10 | QPSK | 1 | 49 | 24.21 | 24.34 | 24.20 | | | | |
| 10 | QPSK | 25 | 0 | 24.37 | 24.47 | 24.43 | 25.5 | 0 | | |
| 10 | QPSK | 25 | 12 | 24.42 | 24.42 | 24.42 | | | | |
| 10 | QPSK | 25 | 25 | 24.41 | 24.44 | 24.39 | | | | |
| 10 | QPSK | 50 | 0 | 24.29 | 24.45 | 24.41 | 25.5 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.34 | 24.48 | 24.35 | | | | |
| 10 | 16QAM | 1 | 25 | 24.35 | 24.43 | 24.35 | | | | |
| 10 | 16QAM | 1 | 49 | 24.42 | 24.33 | 24.33 | 24.5 | 1 | | |
| 10 | 16QAM | 25 | 0 | 23.39 | 23.47 | 23.42 | | | | |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.37 | 23.40 | | | | |
| 10 | 16QAM | 25 | 25 | 23.42 | 23.37 | 23.40 | 24.5 | 0 | | |
| 10 | 16QAM | 50 | 0 | 23.36 | 23.49 | 23.39 | | | | |
| 10 | 64QAM | 1 | 0 | 23.52 | 23.58 | 23.46 | | | | |
| 10 | 64QAM | 1 | 25 | 23.53 | 23.47 | 23.44 | 24.5 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.47 | 23.43 | 23.54 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.46 | 22.37 | | | | |
| 10 | 64QAM | 25 | 12 | 22.33 | 22.32 | 22.36 | 23.5 | 2 | | |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.37 | 22.38 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.48 | 22.41 | | | | |
| 10 | 256QAM | 1 | 0 | 19.36 | 19.51 | 19.42 | 20.5 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.40 | 19.46 | 19.46 | | | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.39 | 19.39 | | | | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.40 | 19.38 | 20.5 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.31 | 19.37 | | | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.24 | 19.27 | | | | |
| 10 | 256QAM | 50 | 0 | 19.42 | 19.45 | 19.34 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.37 | 24.34 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.25 | 24.26 | 24.27 | | | | |
| 5 | QPSK | 1 | 24 | 24.08 | 24.22 | 24.12 | | | | |
| 5 | QPSK | 12 | 0 | 24.34 | 24.45 | 24.30 | 25.5 | 0 | | |
| 5 | QPSK | 12 | 7 | 24.33 | 24.39 | 24.32 | | | | |
| 5 | QPSK | 12 | 13 | 24.36 | 24.39 | 24.36 | | | | |
| 5 | QPSK | 25 | 0 | 24.26 | 24.30 | 24.30 | 25.5 | 0 | | |
| 5 | 16QAM | 1 | 0 | 24.23 | 24.37 | 24.25 | | | | |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.33 | 24.28 | | | | |
| 5 | 16QAM | 1 | 24 | 24.33 | 24.19 | 24.26 | 24.5 | 1 | | |
| 5 | 16QAM | 12 | 0 | 23.30 | 23.33 | 23.35 | | | | |
| 5 | 16QAM | 12 | 7 | 23.35 | 23.34 | 23.34 | | | | |
| 5 | 16QAM | 12 | 13 | 23.39 | 23.33 | 23.30 | 24.5 | 1 | | |
| 5 | 16QAM | 25 | 0 | 23.34 | 23.39 | 23.30 | | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.52 | 23.34 | | | | |
| 5 | 64QAM | 1 | 12 | 23.39 | 23.34 | 23.28 | 24.5 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.37 | 23.35 | 23.46 | | | | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.39 | 22.23 | | | | |
| 5 | 64QAM | 12 | 7 | 22.23 | 22.23 | 22.30 | 23.5 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.33 | 22.23 | | | | |
| 5 | 64QAM | 25 | 0 | 22.30 | 22.42 | 22.38 | | | | |
| 5 | 256QAM | 1 | 0 | 19.34 | 19.40 | 19.31 | 20.5 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.39 | 19.30 | | | | |
| 5 | 256QAM | 1 | 24 | 19.35 | 19.24 | 19.28 | | | | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.26 | 19.34 | 20.5 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.29 | 19.15 | 19.35 | | | | |
| 5 | 256QAM | 12 | 13 | 19.24 | 19.21 | 19.13 | | | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.38 | 19.25 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.28 | 24.45 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 8 | 24.32 | 24.28 | 24.21 | | | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.20 | 24.11 | | | | |
| 3 | QPSK | 8 | 0 | 24.31 | 24.41 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 8 | 4 | 24.40 | 24.38 | 24.40 | | | | |
| 3 | QPSK | 8 | 7 | 24.33 | 24.29 | 24.30 | | | | |
| 3 | QPSK | 15 | 0 | 24.20 | 24.35 | 24.30 | 25.5 | 0 | | |
| 3 | 16QAM | 1 | 0 | 24.21 | 24.39 | 24.31 | | | | |
| 3 | 16QAM | 1 | 8 | 24.29 | 24.30 | 24.28 | | | | |
| 3 | 16QAM | 1 | 14 | 24.36 | 24.28 | 24.24 | 24.5 | 1 | | |
| 3 | 16QAM | 8 | 0 | 23.36 | 23.41 | 23.29 | | | | |
| 3 | 16QAM | 8 | 4 | 23.29 | 23.32 | 23.25 | | | | |
| 3 | 16QAM | 8 | 7 | 23.33 | 23.29 | 23.30 | 24.5 | 1 | | |
| 3 | 16QAM | 15 | 0 | 23.31 | 23.39 | 23.24 | | | | |
| 3 | 64QAM | 1 | 0 | 23.44 | 23.45 | 23.32 | | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.34 | 23.29 | 23.5 | 2 | | |
| 3 | 64QAM | 1 | 14 | 23.32 | 23.33 | 23.44 | | | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.40 | 22.25 | | | | |
| 3 | 64QAM | 8 | 4 | 22.25 | 22.29 | 22.21 | 20.5 | 5 | | |
| 3 | 64QAM | 8 | 7 | 22.30 | 22.27 | 22.29 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.44 | 22.34 | | | | |
| 3 | 256QAM | 1 | 0 | 19.25 | 19.37 | 19.31 | 20.5 | 5 | | |
| 3 | 256QAM | 1 | 8 | 19.37 | 19.43 | 19.43 | | | | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.36 | 19.29 | | | | |
| 3 | 256QAM | 8 | 0 | 19.29 | 19.25 | 19.34 | 20.5 | 5 | | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.17 | 19.32 | | | | |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.08 | 19.14 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.33 | 19.23 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.44 | 24.34 | 25.5 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.26 | 24.30 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.16 | 24.31 | 24.07 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.36 | 24.36 | 25.5 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 24.39 | 24.30 | 24.39 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.30 | 24.34 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.16 | 24.31 | 24.36 | 24.5 | 1 | | |
| 1.4 | 16QAM | 1 | 0 | 24.29 | 24.35 | 24.25 | | | | |
| 1.4 | 16QAM | 1 | 3 | 24.25 | 24.40 | 24.32 | | | | |
| 1.4 | 16QAM | 1 | 5 | 24.35 | 24.18 | 24.24 | 25.5 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 24.25 | 24.43 | 24.36 | | | | |
| 1.4 | 16QAM | 3 | 1 | 24.35 | 24.32 | 24.37 | | | | |
| 1.4 | 16QAM | 3 | 3 | 24.37 | 24.33 | 24.34 | 24.5 | 1 | | |
| 1.4 | 16QAM | 6 | 0 | 23.32 | 23.39 | 23.29 | | | | |
| 1.4 | 64QAM | 1 | 0 | 23.49 | 23.41 | 23.35 | | | | |
| 1.4 | 64QAM | 1 | 3 | 23.45 | 23.43 | 23.33 | 23.5 | 2 | | |
| 1.4 | 64QAM | 1 | 5 | 23.36 | 23.40 | 23.41 | | | | |
| 1.4 | 64QAM | 3 | 0 | 23.29 | 23.37 | 23.29 | | | | |
| 1.4 | 64QAM | 3 | 1 | 23.19 | 23.18 | 23.33 | 20.5 | 5 | | |
| 1.4 | 64QAM | 3 | 3 | 23.35 | 23.25 | 23.26 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.37 | 22.35 | 22.26 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.31 | 19.46 | 19.39 | 20.5 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.41 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.35 | 19.30 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.29 | 19.34 | 20.5 | 5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.23 | 19.22 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.16 | 19.09 | 19.16 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.32 | 19.32 | 19.19 | 20.5 | 5 | | |



Conducted Power

Project No.: [redacted] Applicant: [redacted] Model Name: [redacted]

| GSM850 Ant1 Default | | | | | | | | |
|---------------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 189 | 251 | | 128 | 189 | 251 | |
| TX Channel | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| Frequency (MHz) | 32.66 | 32.68 | 32.63 | 34.00 | 23.66 | 23.68 | 23.63 | 25.00 |
| GSM 1 Tx slot | 32.65 | 32.67 | 32.61 | 34.00 | 23.65 | 23.67 | 23.61 | 25.00 |
| GPRS 1 Tx slot | 29.68 | 29.60 | 29.53 | 31.00 | 23.68 | 23.60 | 23.53 | 25.00 |
| GPRS 2 Tx slots | 27.71 | 27.69 | 27.69 | 29.20 | 23.45 | 23.43 | 23.43 | 24.94 |
| GPRS 3 Tx slots | 26.51 | 26.54 | 26.45 | 28.00 | 23.51 | 23.54 | 23.45 | 25.00 |
| GPRS 4 Tx slots | 26.50 | 26.59 | 26.43 | 28.00 | 17.50 | 17.59 | 17.43 | 19.00 |
| EDGE 1 Tx slot | 23.63 | 23.69 | 23.59 | 25.00 | 17.63 | 17.69 | 17.59 | 19.00 |
| EDGE 2 Tx slots | 21.82 | 21.95 | 21.78 | 23.20 | 17.56 | 17.69 | 17.52 | 18.94 |
| EDGE 3 Tx slots | 20.52 | 20.57 | 20.46 | 22.00 | 17.52 | 17.57 | 17.46 | 19.00 |
| EDGE 4 Tx slots | | | | | | | | |

| WCDMA V Ant1 Default | | | | |
|------------------------------------|---------|-------|-------|---------------------|
| Band | WCDMA V | | | Tune-up Limit (dBm) |
| | 4132 | 4132 | 4233 | |
| TX Channel | 4357 | 4407 | 4458 | |
| Rx Channel | 826.4 | 836.4 | 846.6 | |
| Frequency (MHz) | 24.07 | 24.11 | 24.06 | 25.50 |
| 3GPP Rel 99 AMR 12.2Kbps | 24.08 | 24.13 | 24.07 | 25.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 23.00 | 23.02 | 23.03 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.92 | 23.11 | 23.01 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.59 | 22.47 | 22.67 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.57 | 22.66 | 22.68 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 23.15 | 23.20 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.03 | 23.12 | 22.97 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.67 | 22.56 | 22.59 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.56 | 22.62 | 22.58 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 23.01 | 23.13 | 23.20 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 21.23 | 20.99 | 21.13 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 22.13 | 22.15 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 21.07 | 21.16 | 21.01 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 23.11 | 23.05 | 23.14 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 20.50 | 20.64 | 20.54 | 22.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | | | | |



| Band 5 Ant1 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20450 | 20525 | 20600 | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 24.52 | 24.61 | 24.48 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.38 | 24.51 | 24.36 | | | | |
| 10 | QPSK | 1 | 49 | 24.45 | 24.48 | 24.39 | | | | |
| 10 | QPSK | 25 | 0 | 24.39 | 24.53 | 24.51 | 25.7 | 0 | | |
| 10 | QPSK | 25 | 12 | 24.46 | 24.46 | 24.46 | | | | |
| 10 | QPSK | 25 | 25 | 24.35 | 24.51 | 24.43 | | | | |
| 10 | QPSK | 50 | 0 | 24.47 | 24.55 | 24.44 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.43 | 24.59 | 24.50 | | | | |
| 10 | 16QAM | 1 | 25 | 24.44 | 24.46 | 24.56 | | | | |
| 10 | 16QAM | 1 | 49 | 24.45 | 24.55 | 24.54 | 24.7 | 1 | | |
| 10 | 16QAM | 25 | 0 | 23.41 | 23.52 | 23.47 | | | | |
| 10 | 16QAM | 25 | 12 | 23.48 | 23.41 | 23.43 | | | | |
| 10 | 16QAM | 25 | 25 | 23.45 | 23.46 | 23.43 | 24.7 | 1 | | |
| 10 | 16QAM | 50 | 0 | 23.56 | 23.61 | 23.50 | | | | |
| 10 | 64QAM | 1 | 0 | 23.53 | 23.63 | 23.48 | | | | |
| 10 | 64QAM | 1 | 25 | 23.56 | 23.49 | 23.57 | 24.7 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.56 | 23.60 | 23.54 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.49 | 22.43 | | | | |
| 10 | 64QAM | 25 | 12 | 22.34 | 22.34 | 22.36 | 23.7 | 2 | | |
| 10 | 64QAM | 25 | 25 | 22.34 | 22.34 | 22.46 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.58 | 22.51 | | | | |
| 10 | 256QAM | 1 | 0 | 19.50 | 19.60 | 19.51 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.45 | 19.55 | 19.55 | | | | |
| 10 | 256QAM | 1 | 49 | 19.48 | 19.46 | 19.48 | | | | |
| 10 | 256QAM | 25 | 0 | 19.40 | 19.52 | 19.38 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.45 | 19.46 | | | | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.48 | 19.40 | | | | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.53 | 19.43 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.38 | 24.57 | 24.45 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.26 | 24.48 | 24.34 | | | | |
| 5 | QPSK | 1 | 24 | 24.37 | 24.46 | 24.35 | | | | |
| 5 | QPSK | 12 | 0 | 24.35 | 24.46 | 24.43 | 25.7 | 0 | | |
| 5 | QPSK | 12 | 7 | 24.34 | 24.38 | 24.37 | | | | |
| 5 | QPSK | 12 | 13 | 24.20 | 24.38 | 24.27 | | | | |
| 5 | QPSK | 25 | 0 | 24.42 | 24.51 | 24.35 | 25.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 24.28 | 24.46 | 24.35 | | | | |
| 5 | 16QAM | 1 | 12 | 24.29 | 24.33 | 24.49 | | | | |
| 5 | 16QAM | 1 | 24 | 24.41 | 24.52 | 24.39 | 24.7 | 1 | | |
| 5 | 16QAM | 12 | 0 | 23.34 | 23.38 | 23.43 | | | | |
| 5 | 16QAM | 12 | 7 | 23.36 | 23.29 | 23.28 | | | | |
| 5 | 16QAM | 12 | 13 | 23.31 | 23.37 | 23.33 | 24.7 | 1 | | |
| 5 | 16QAM | 25 | 0 | 23.41 | 23.48 | 23.48 | | | | |
| 5 | 64QAM | 1 | 0 | 23.39 | 23.59 | 23.38 | | | | |
| 5 | 64QAM | 1 | 12 | 23.44 | 23.35 | 23.43 | 24.7 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.47 | 23.57 | 23.42 | | | | |
| 5 | 64QAM | 12 | 0 | 22.18 | 22.42 | 22.37 | | | | |
| 5 | 64QAM | 12 | 7 | 22.22 | 22.25 | 22.31 | 23.7 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.25 | 22.40 | | | | |
| 5 | 64QAM | 25 | 0 | 22.35 | 22.50 | 22.36 | | | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.57 | 19.39 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.53 | 19.43 | | | | |
| 5 | 256QAM | 1 | 24 | 19.41 | 19.37 | 19.39 | | | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.39 | 19.36 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.31 | 19.37 | 19.42 | | | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.38 | 19.25 | | | | |
| 5 | 256QAM | 25 | 0 | 19.28 | 19.38 | 19.29 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.37 | 24.48 | 24.35 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 8 | 24.29 | 24.41 | 24.28 | | | | |
| 3 | QPSK | 1 | 14 | 24.37 | 24.41 | 24.29 | | | | |
| 3 | QPSK | 8 | 0 | 24.25 | 24.40 | 24.46 | 25.7 | 0 | | |
| 3 | QPSK | 8 | 4 | 24.36 | 24.32 | 24.34 | | | | |
| 3 | QPSK | 8 | 7 | 24.23 | 24.48 | 24.40 | | | | |
| 3 | QPSK | 15 | 0 | 24.36 | 24.43 | 24.39 | 25.7 | 0 | | |
| 3 | 16QAM | 1 | 0 | 24.35 | 24.52 | 24.40 | | | | |
| 3 | 16QAM | 1 | 8 | 24.35 | 24.32 | 24.50 | | | | |
| 3 | 16QAM | 1 | 14 | 24.35 | 24.51 | 24.40 | 24.7 | 1 | | |
| 3 | 16QAM | 8 | 0 | 23.26 | 23.41 | 23.43 | | | | |
| 3 | 16QAM | 8 | 4 | 23.38 | 23.25 | 23.36 | | | | |
| 3 | 16QAM | 8 | 7 | 23.42 | 23.36 | 23.33 | 24.7 | 1 | | |
| 3 | 16QAM | 15 | 0 | 23.44 | 23.48 | 23.36 | | | | |
| 3 | 64QAM | 1 | 0 | 23.51 | 23.48 | 23.41 | | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.39 | 23.46 | 24.7 | 1 | | |
| 3 | 64QAM | 1 | 14 | 23.53 | 23.54 | 23.48 | | | | |
| 3 | 64QAM | 8 | 0 | 22.28 | 22.46 | 22.41 | | | | |
| 3 | 64QAM | 8 | 4 | 22.18 | 22.29 | 22.29 | 23.7 | 2 | | |
| 3 | 64QAM | 8 | 7 | 22.27 | 22.27 | 22.42 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.46 | 22.43 | | | | |
| 3 | 256QAM | 1 | 0 | 19.39 | 19.44 | 19.40 | 20.7 | 5 | | |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.49 | 19.42 | | | | |
| 3 | 256QAM | 1 | 14 | 19.44 | 19.32 | 19.39 | | | | |
| 3 | 256QAM | 8 | 0 | 19.34 | 19.45 | 19.30 | 20.7 | 5 | | |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.37 | | | | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.34 | 19.36 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.39 | 19.33 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.49 | 24.59 | 24.37 | 25.7 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 24.36 | 24.46 | 24.32 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.40 | 24.43 | 24.32 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.31 | 24.50 | 24.37 | 25.7 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 24.31 | 24.37 | 24.33 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.19 | 24.39 | 24.31 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.45 | 24.40 | 24.35 | 25.7 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 24.36 | 24.56 | 24.38 | | | | |
| 1.4 | 16QAM | 1 | 3 | 24.34 | 24.33 | 24.53 | | | | |
| 1.4 | 16QAM | 1 | 5 | 24.39 | 24.44 | 24.52 | 25.7 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 24.37 | 24.47 | 24.42 | | | | |
| 1.4 | 16QAM | 3 | 1 | 24.41 | 24.34 | 24.39 | | | | |
| 1.4 | 16QAM | 3 | 3 | 24.36 | 24.31 | 24.38 | 24.7 | 1 | | |
| 1.4 | 16QAM | 6 | 0 | 23.52 | 23.54 | 23.45 | | | | |
| 1.4 | 64QAM | 1 | 0 | 23.50 | 23.54 | 23.38 | | | | |
| 1.4 | 64QAM | 1 | 3 | 23.44 | 23.47 | 23.54 | 24.7 | 1 | | |
| 1.4 | 64QAM | 1 | 5 | 23.46 | 23.45 | 23.43 | | | | |
| 1.4 | 64QAM | 3 | 0 | 23.20 | 23.37 | 23.38 | | | | |
| 1.4 | 64QAM | 3 | 1 | 23.29 | 23.19 | 23.34 | 23.7 | 2 | | |
| 1.4 | 64QAM | 3 | 3 | 23.28 | 23.20 | 23.37 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.35 | 22.49 | 22.41 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.47 | 19.45 | 19.45 | 20.7 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.32 | 19.51 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.33 | 19.46 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.37 | 19.29 | 20.7 | 5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.35 | 19.40 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.22 | 19.40 | 19.32 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.37 | 19.35 | 20.7 | 5 | | |



| | | WCDMA V Ant2 DSI 4 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.20 | 22.24 | 22.17 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.21 | 22.25 | 22.18 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.95 | 21.10 | 20.94 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.03 | 21.19 | 20.96 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.47 | 20.42 | 20.60 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.64 | 20.52 | 20.44 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.16 | 21.00 | 20.98 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.05 | 21.18 | 20.92 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.71 | 20.52 | 20.57 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.59 | 20.58 | 20.49 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.07 | 21.21 | 21.12 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.20 | 19.02 | 19.07 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.21 | 20.25 | 20.05 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.10 | 19.03 | 18.85 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.94 | 21.15 | 21.12 | 22.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.59 | 18.57 | 18.42 | 19.50 |



| Band 4 Ant2 DSI 4 | | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Turn-up limit (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.80 | 22.84 | 22.88 | | | | |
| 20 | QPSK | 1 | 49 | 22.73 | 22.88 | 22.71 | 23.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 22.73 | 22.88 | 22.71 | | | | |
| 20 | QPSK | 50 | 0 | 22.88 | 22.93 | 22.80 | | | | |
| 20 | QPSK | 50 | 24 | 22.88 | 22.93 | 22.80 | | | | |
| 20 | QPSK | 50 | 50 | 22.70 | 22.92 | 22.87 | 23.7 | 0 | | |
| 20 | QPSK | 100 | 0 | 22.74 | 22.98 | 22.79 | | | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 22.92 | 22.78 | | | | |
| 20 | 16QAM | 1 | 49 | 22.80 | 22.98 | 22.78 | 23.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 22.88 | 22.96 | 22.71 | | | | |
| 20 | 16QAM | 50 | 0 | 22.79 | 22.92 | 22.89 | | | | |
| 20 | 16QAM | 50 | 24 | 22.79 | 22.92 | 22.71 | 23.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 22.72 | 22.87 | 22.80 | | | | |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.93 | 22.80 | | | | |
| 20 | 84QAM | 1 | 0 | 22.76 | 22.98 | 22.88 | | | | |
| 20 | 84QAM | 1 | 49 | 22.92 | 22.98 | 22.84 | 23.7 | 0 | | |
| 20 | 84QAM | 1 | 99 | 22.74 | 22.98 | 22.80 | | | | |
| 20 | 84QAM | 50 | 0 | 22.84 | 22.99 | 22.84 | | | | |
| 20 | 84QAM | 50 | 24 | 22.79 | 22.95 | 22.75 | 23.7 | 0 | | |
| 20 | 84QAM | 100 | 0 | 22.90 | 23.01 | 22.80 | | | | |
| 20 | 84QAM | 100 | 0 | 22.81 | 22.95 | 22.85 | | | | |
| 20 | 256QAM | 1 | 49 | 19.88 | 19.91 | 19.83 | 20.7 | 3 | | |
| 20 | 256QAM | 1 | 99 | 19.80 | 19.78 | 19.75 | | | | |
| 20 | 256QAM | 50 | 0 | 19.85 | 19.88 | 19.84 | | | | |
| 20 | 256QAM | 50 | 24 | 19.88 | 19.91 | 19.81 | 20.7 | 3 | | |
| 20 | 256QAM | 50 | 50 | 19.88 | 19.78 | 19.83 | | | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 19.88 | 19.88 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.73 | 22.85 | 22.88 | | | | |
| 15 | QPSK | 1 | 37 | 22.73 | 22.85 | 22.88 | 23.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 22.84 | 22.96 | 22.88 | | | | |
| 15 | QPSK | 36 | 0 | 22.77 | 22.98 | 22.82 | | | | |
| 15 | QPSK | 36 | 25 | 22.83 | 22.98 | 22.82 | 23.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 22.80 | 23.01 | 22.71 | | | | |
| 15 | QPSK | 75 | 0 | 22.83 | 23.01 | 22.74 | | | | |
| 15 | 16QAM | 1 | 0 | 22.79 | 22.92 | 22.73 | | | | |
| 15 | 16QAM | 1 | 37 | 22.72 | 22.92 | 22.85 | 23.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 22.84 | 22.98 | 22.84 | | | | |
| 15 | 16QAM | 36 | 0 | 22.79 | 23.08 | 23.07 | | | | |
| 15 | 16QAM | 36 | 25 | 22.81 | 22.78 | 22.77 | 23.7 | 0 | | |
| 15 | 16QAM | 36 | 39 | 22.76 | 22.98 | 22.88 | | | | |
| 15 | 16QAM | 75 | 0 | 22.71 | 22.85 | 22.83 | | | | |
| 15 | 84QAM | 1 | 0 | 22.83 | 23.10 | 23.02 | | | | |
| 15 | 84QAM | 1 | 37 | 22.86 | 23.08 | 22.98 | 23.7 | 0 | | |
| 15 | 84QAM | 1 | 74 | 22.93 | 23.07 | 22.85 | | | | |
| 15 | 84QAM | 36 | 0 | 22.81 | 22.75 | 22.84 | | | | |
| 15 | 84QAM | 36 | 25 | 22.70 | 22.98 | 22.88 | 23.7 | 0 | | |
| 15 | 84QAM | 36 | 39 | 22.67 | 22.85 | 22.80 | | | | |
| 15 | 84QAM | 75 | 0 | 22.79 | 22.87 | 22.78 | | | | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.85 | 19.82 | 20.7 | 3 | | |
| 15 | 256QAM | 1 | 74 | 19.86 | 19.89 | 19.71 | | | | |
| 15 | 256QAM | 36 | 0 | 19.78 | 19.85 | 19.84 | | | | |
| 15 | 256QAM | 36 | 25 | 19.78 | 19.85 | 19.84 | 20.7 | 3 | | |
| 15 | 256QAM | 36 | 39 | 19.80 | 19.83 | 19.88 | | | | |
| 15 | 256QAM | 75 | 0 | 19.81 | 19.88 | 19.75 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.60 | 22.75 | 22.70 | | | | |
| 10 | QPSK | 1 | 25 | 22.61 | 23.08 | 22.75 | 23.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 22.60 | 22.99 | 22.87 | | | | |
| 10 | QPSK | 12 | 0 | 22.60 | 23.01 | 22.87 | | | | |
| 10 | QPSK | 12 | 25 | 22.62 | 23.03 | 22.96 | 23.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 22.67 | 22.86 | 22.70 | | | | |
| 10 | 16QAM | 1 | 0 | 22.60 | 23.00 | 23.00 | | | | |
| 10 | 16QAM | 1 | 24 | 22.63 | 23.00 | 22.79 | 23.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 22.68 | 23.00 | 22.89 | | | | |
| 10 | 16QAM | 12 | 0 | 22.66 | 22.92 | 23.09 | | | | |
| 10 | 16QAM | 12 | 25 | 22.75 | 22.86 | 22.88 | 23.7 | 0 | | |
| 10 | 16QAM | 25 | 0 | 22.68 | 22.98 | 22.81 | | | | |
| 10 | 84QAM | 1 | 0 | 22.73 | 23.07 | 23.03 | | | | |
| 10 | 84QAM | 1 | 24 | 22.68 | 23.06 | 22.95 | 23.7 | 0 | | |
| 10 | 84QAM | 1 | 49 | 22.68 | 23.00 | 22.89 | | | | |
| 10 | 84QAM | 25 | 0 | 22.79 | 22.81 | 22.59 | | | | |
| 10 | 84QAM | 25 | 12 | 22.66 | 22.97 | 22.88 | 23.7 | 0 | | |
| 10 | 84QAM | 25 | 26 | 22.76 | 22.73 | 22.73 | | | | |
| 10 | 84QAM | 50 | 0 | 22.77 | 23.04 | 22.75 | | | | |
| 10 | 256QAM | 1 | 24 | 19.85 | 19.84 | 19.87 | 20.7 | 3 | | |
| 10 | 256QAM | 1 | 28 | 19.82 | 19.83 | 19.85 | | | | |
| 10 | 256QAM | 1 | 49 | 19.83 | 19.76 | 19.73 | | | | |
| 10 | 256QAM | 12 | 0 | 19.88 | 19.84 | 19.82 | 20.7 | 3 | | |
| 10 | 256QAM | 12 | 13 | 19.83 | 19.82 | 19.74 | | | | |
| 10 | 256QAM | 25 | 0 | 19.84 | 19.88 | 19.86 | | | | |
| 10 | 256QAM | 25 | 25 | 19.84 | 19.88 | 19.86 | 20.7 | 3 | | |
| 10 | 256QAM | 50 | 0 | 19.81 | 19.87 | 19.77 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.60 | 22.66 | 22.66 | | | | |
| 5 | QPSK | 1 | 12 | 22.66 | 23.04 | 22.50 | 23.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 22.60 | 22.86 | 22.79 | | | | |
| 5 | QPSK | 12 | 0 | 22.60 | 23.01 | 22.87 | | | | |
| 5 | QPSK | 12 | 7 | 22.61 | 22.83 | 22.83 | 23.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 22.67 | 22.89 | 22.79 | | | | |
| 5 | QPSK | 25 | 0 | 22.68 | 22.84 | 22.88 | | | | |
| 5 | 16QAM | 1 | 0 | 22.61 | 22.92 | 22.78 | | | | |
| 5 | 16QAM | 1 | 12 | 22.77 | 23.00 | 22.80 | 23.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 22.67 | 23.01 | 22.88 | | | | |
| 5 | 16QAM | 12 | 0 | 22.61 | 23.04 | 23.13 | | | | |
| 5 | 16QAM | 12 | 7 | 22.68 | 22.73 | 22.70 | 23.7 | 0 | | |
| 5 | 16QAM | 12 | 13 | 22.82 | 23.00 | 22.84 | | | | |
| 5 | 16QAM | 25 | 0 | 22.78 | 22.92 | 22.89 | | | | |
| 5 | 84QAM | 1 | 0 | 22.72 | 23.07 | 22.99 | | | | |
| 5 | 84QAM | 1 | 12 | 22.65 | 23.00 | 22.81 | 23.7 | 0 | | |
| 5 | 84QAM | 1 | 24 | 22.82 | 23.13 | 23.04 | | | | |
| 5 | 84QAM | 12 | 0 | 22.77 | 22.87 | 22.71 | | | | |
| 5 | 84QAM | 12 | 7 | 22.84 | 22.74 | 22.83 | 23.7 | 0 | | |
| 5 | 84QAM | 12 | 13 | 22.74 | 22.70 | 22.79 | | | | |
| 5 | 84QAM | 25 | 0 | 22.82 | 22.96 | 22.83 | | | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 19.85 | 19.88 | | | | |
| 5 | 256QAM | 1 | 12 | 19.81 | 19.87 | 19.75 | 20.7 | 3 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.78 | 19.72 | | | | |
| 5 | 256QAM | 12 | 0 | 19.89 | 19.86 | 19.85 | | | | |
| 5 | 256QAM | 12 | 7 | 19.85 | 19.72 | 19.86 | 20.7 | 3 | | |
| 5 | 256QAM | 12 | 13 | 19.83 | 19.71 | 19.81 | | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 19.87 | 19.88 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.78 | 22.78 | 22.78 | | | | |
| 3 | QPSK | 1 | 8 | 22.88 | 23.02 | 22.84 | 23.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 22.80 | 22.93 | 22.88 | | | | |
| 3 | QPSK | 8 | 0 | 22.80 | 23.13 | 22.87 | | | | |
| 3 | QPSK | 8 | 4 | 23.05 | 22.82 | 22.85 | 23.7 | 0 | | |
| 3 | QPSK | 8 | 7 | 22.75 | 23.01 | 22.77 | | | | |
| 3 | 16QAM | 1 | 0 | 22.80 | 23.03 | 22.71 | | | | |
| 3 | 16QAM | 1 | 8 | 22.85 | 23.02 | 22.84 | 23.7 | 0 | | |
| 3 | 16QAM | 1 | 14 | 22.80 | 22.97 | 22.80 | | | | |
| 3 | 16QAM | 8 | 0 | 22.89 | 23.03 | 22.92 | | | | |
| 3 | 16QAM | 8 | 4 | 22.83 | 22.90 | 22.75 | 23.7 | 0 | | |
| 3 | 16QAM | 8 | 7 | 22.82 | 22.79 | 22.87 | | | | |
| 3 | 16QAM | 15 | 0 | 22.90 | 22.99 | 22.80 | | | | |
| 3 | 16QAM | 15 | 0 | 22.90 | 22.79 | 22.81 | 23.7 | 0 | | |
| 3 | 84QAM | 1 | 0 | 22.70 | 23.02 | 22.88 | | | | |
| 3 | 84QAM | 1 | 8 | 22.80 | 23.01 | 22.91 | 23.7 | 0 | | |
| 3 | 84QAM | 1 | 14 | 22.84 | 22.93 | 22.78 | | | | |
| 3 | 84QAM | 8 | 0 | 22. | | | | | | |



| Band 38 Ant2 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 24.98 | 25.14 | 25.00 | | | | |
| 20 | QPSK | 1 | 49 | 24.92 | 25.03 | 24.97 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 24.95 | 24.99 | 24.93 | | | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.12 | 23.97 | | | | |
| 20 | QPSK | 50 | 24 | 24.00 | 24.06 | 23.94 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 23.86 | 23.90 | 23.76 | | | | |
| 20 | QPSK | 100 | 0 | 23.87 | 23.96 | 23.89 | | | | |
| 20 | 16QAM | 1 | 0 | 24.01 | 24.11 | 23.99 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 49 | 23.90 | 24.03 | 23.91 | | | | |
| 20 | 16QAM | 1 | 99 | 23.92 | 23.97 | 23.87 | | | | |
| 20 | 16QAM | 50 | 0 | 23.06 | 23.18 | 23.01 | | | | |
| 20 | 16QAM | 50 | 24 | 22.96 | 23.08 | 23.00 | | | | |
| 20 | 16QAM | 50 | 50 | 23.07 | 23.12 | 23.03 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.01 | 23.09 | 23.01 | | | | |
| 20 | 64QAM | 1 | 0 | 23.08 | 23.14 | 23.05 | | | | |
| 20 | 64QAM | 1 | 49 | 22.97 | 22.99 | 22.87 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.10 | 22.98 | | | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.15 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 21.93 | 22.05 | 21.91 | | | | |
| 20 | 64QAM | 50 | 50 | 21.95 | 22.12 | 22.00 | 22.7 | 3 | | |
| 20 | 64QAM | 100 | 0 | 22.01 | 22.16 | 22.04 | | | | |
| 20 | 256QAM | 1 | 0 | 19.89 | 20.02 | 19.93 | | | | |
| 20 | 256QAM | 1 | 49 | 19.79 | 19.99 | 19.85 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.95 | 19.86 | | | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.22 | 20.08 | | | | |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.05 | 20.04 | | | | |
| 20 | 256QAM | 50 | 50 | 20.00 | 20.16 | 20.00 | 20.7 | 5 | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.07 | 20.00 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 24.83 | 25.10 | 24.91 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.86 | 24.89 | 24.85 | | | | |
| 15 | QPSK | 1 | 74 | 24.80 | 24.85 | 24.89 | | | | |
| 15 | QPSK | 36 | 0 | 23.97 | 24.01 | 23.85 | | | | |
| 15 | QPSK | 36 | 20 | 23.96 | 23.98 | 23.81 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 23.81 | 23.80 | 23.62 | | | | |
| 15 | QPSK | 75 | 0 | 23.82 | 23.81 | 23.83 | | | | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.97 | 23.92 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 37 | 23.81 | 23.95 | 23.84 | | | | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.84 | 23.81 | | | | |
| 15 | 16QAM | 36 | 0 | 22.97 | 23.11 | 22.92 | | | | |
| 15 | 16QAM | 36 | 20 | 22.93 | 23.00 | 22.85 | | | | |
| 15 | 16QAM | 36 | 39 | 22.98 | 23.06 | 22.88 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.96 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 22.97 | 23.01 | 22.91 | | | | |
| 15 | 64QAM | 1 | 37 | 22.84 | 22.96 | 22.75 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.91 | 23.04 | 22.91 | | | | |
| 15 | 64QAM | 36 | 0 | 21.91 | 22.11 | 22.00 | | | | |
| 15 | 64QAM | 36 | 20 | 21.80 | 22.01 | 21.79 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.80 | 22.02 | 21.92 | | | | |
| 15 | 64QAM | 75 | 0 | 21.95 | 22.03 | 21.93 | | | | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.94 | 19.90 | | | | |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.88 | 19.77 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.87 | 19.77 | | | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.09 | 20.02 | | | | |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.98 | 19.92 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 39 | 19.96 | 20.03 | 19.86 | | | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 20.01 | 19.96 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 24.83 | 25.09 | 24.86 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.87 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 1 | 49 | 24.89 | 24.92 | 24.80 | | | | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.03 | 23.94 | | | | |
| 10 | QPSK | 25 | 12 | 23.96 | 23.97 | 23.90 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.79 | 23.62 | | | | |
| 10 | QPSK | 50 | 0 | 23.73 | 23.86 | 23.82 | | | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.98 | 23.87 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 25 | 23.75 | 23.96 | 23.81 | | | | |
| 10 | 16QAM | 1 | 49 | 23.83 | 23.91 | 23.80 | | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.04 | 22.97 | | | | |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.99 | 22.95 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 25 | 22.94 | 23.06 | 22.94 | | | | |
| 10 | 16QAM | 50 | 0 | 22.89 | 23.05 | 22.97 | | | | |
| 10 | 64QAM | 1 | 0 | 22.94 | 23.09 | 22.90 | | | | |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.90 | 22.79 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 49 | 22.83 | 22.99 | 22.94 | | | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.10 | 22.00 | | | | |
| 10 | 64QAM | 25 | 12 | 21.89 | 22.01 | 21.79 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 21.88 | 22.01 | 21.92 | | | | |
| 10 | 64QAM | 50 | 0 | 21.88 | 22.12 | 21.89 | | | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | | | | |
| 10 | 256QAM | 1 | 25 | 19.67 | 19.91 | 19.78 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.86 | 19.80 | | | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.13 | 19.96 | | | | |
| 10 | 256QAM | 25 | 12 | 19.82 | 19.93 | 19.85 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 20.10 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.97 | 19.92 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.88 | 24.99 | 24.85 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.84 | 24.99 | 24.94 | | | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.87 | 24.85 | | | | |
| 5 | QPSK | 12 | 0 | 24.01 | 23.97 | 23.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.95 | 23.98 | 23.87 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.79 | 23.70 | | | | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.87 | 23.76 | | | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.03 | 23.88 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 12 | 23.83 | 23.99 | 23.79 | | | | |
| 5 | 16QAM | 1 | 24 | 23.87 | 23.94 | 23.74 | | | | |
| 5 | 16QAM | 12 | 0 | 23.02 | 23.09 | 22.87 | | | | |
| 5 | 16QAM | 12 | 7 | 22.82 | 22.96 | 22.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 13 | 23.03 | 23.01 | 22.94 | | | | |
| 5 | 16QAM | 25 | 0 | 22.88 | 23.00 | 22.89 | | | | |
| 5 | 64QAM | 1 | 0 | 23.96 | 23.05 | 23.01 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 12 | 22.87 | 22.91 | 22.75 | | | | |
| 5 | 64QAM | 1 | 24 | 22.91 | 23.05 | 22.89 | | | | |
| 5 | 64QAM | 12 | 0 | 21.91 | 22.11 | 22.03 | | | | |
| 5 | 64QAM | 12 | 7 | 21.86 | 21.98 | 21.86 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.91 | 22.04 | 21.92 | | | | |
| 5 | 64QAM | 25 | 0 | 21.87 | 22.12 | 21.90 | | | | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.89 | 19.76 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.86 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.16 | 19.93 | | | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.93 | 19.94 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 13 | 19.98 | 20.11 | 19.90 | | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.02 | 19.93 | | | | |

| Band 41 Ant2 DSI 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 | 22.97 | 23.24 | 23.29 | 22.95 | 23.01 | | |
| 20 | QPSK | 1 | 49 | 23.01 | 22.97 | 23.12 | 23.05 | 22.97 | 23.7 | 0 |
| 20 | QPSK | 1 | 99 | 22.90 | 23.09 | 23.09 | 23.08 | 23.06 | | |
| 20 | QPSK | 50 | 0 | 22.95 | 23.12 | 23.26 | 23.16 | 22.87 | | |
| 20 | QPSK | 50 | 24 | 23.03 | 23.06 | 23.07 | 23.10 | 23.06 | 23.7 | 0 |
| 20 | QPSK | 50 | 50 | 22.86 | 23.07 | 23.22 | 23.13 | 23.10 | | |
| 20 | QPSK | 100 | 0 | 22.91 | 23.21 | 23.24 | 23.01 | 22.99 | | |
| 20 | 16QAM | 1 | 0 | 23.04 | 23.18 | 23.20 | 23.15 | 22.99 | 23.7 | |



| | | WCDMA V Ant3 DSI 4 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.12 | 22.13 | 22.08 | 23.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.24 | 22.26 | 22.21 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.14 | 21.15 | 21.20 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.14 | 21.16 | 21.00 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.57 | 20.54 | 20.72 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.76 | 20.61 | 20.60 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.33 | 21.23 | 21.10 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.25 | 21.12 | 21.15 | 22.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.89 | 20.71 | 20.57 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.64 | 20.81 | 20.71 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.05 | 21.15 | 21.17 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.12 | 19.15 | 19.19 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.14 | 20.39 | 20.22 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.20 | 19.32 | 19.12 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.23 | 21.28 | 21.24 | 22.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.68 | 18.71 | 18.55 | 20.00 |



| Band 4 Ant3 Default-Other PA | | | | | | | | | | |
|------------------------------|------------|---------|-----------|----------------------|-----------------------|-----------------------|--------------|----------|--|--|
| RF [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. [Freq] | Power High Ch. [Freq] | Power High Ch. [Freq] | Turn-up [dB] | MFR [dB] | | |
| Channel | | | | | | | | | | |
| 20 | OFDM | 1 | 0 | 24.04 | 24.18 | 24.04 | | | | |
| 20 | OFDM | 1 | 99 | 24.95 | 25.13 | 25.03 | 25.7 | 0 | | |
| 20 | OFDM | 50 | 24 | 24.09 | 24.07 | 24.07 | | | | |
| 20 | OFDM | 50 | 99 | 24.97 | 25.12 | 25.04 | 25.7 | 0 | | |
| 20 | OFDM | 1 | 0 | 25.08 | 25.16 | 25.05 | | | | |
| 20 | 16QAM | 1 | 49 | 25.04 | 25.06 | 24.97 | 25.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 24.99 | 24.99 | 24.92 | | | | |
| 20 | 16QAM | 50 | 0 | 23.94 | 24.04 | 23.99 | | | | |
| 20 | 16QAM | 50 | 24 | 24.88 | 24.99 | 24.88 | 24.7 | 1 | | |
| 20 | 16QAM | 50 | 99 | 23.96 | 24.06 | 23.95 | | | | |
| 20 | 16QAM | 100 | 0 | 24.09 | 24.18 | 24.07 | | | | |
| 20 | 84QAM | 1 | 49 | 24.08 | 24.13 | 24.04 | 24.7 | 1 | | |
| 20 | 84QAM | 1 | 99 | 24.07 | 24.17 | 24.16 | | | | |
| 20 | 84QAM | 50 | 0 | 22.96 | 23.06 | 23.00 | | | | |
| 20 | 84QAM | 50 | 24 | 22.84 | 22.93 | 22.87 | 23.7 | 2 | | |
| 20 | 84QAM | 50 | 99 | 22.92 | 22.97 | 22.89 | | | | |
| 20 | 256QAM | 1 | 0 | 20.10 | 20.18 | 20.08 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 49 | 19.96 | 20.03 | 19.88 | | | | |
| 20 | 256QAM | 1 | 99 | 20.02 | 20.02 | 19.95 | | | | |
| 20 | 256QAM | 50 | 0 | 19.98 | 19.98 | 19.96 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 19.91 | 19.91 | 19.85 | | | | |
| 20 | 256QAM | 50 | 99 | 19.91 | 19.91 | 19.85 | | | | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.12 | 20.09 | | | | |
| Channel | | | | | | | | | | |
| 15 | OFDM | 1 | 0 | 24.95 | 25.15 | 25.01 | | | | |
| 15 | OFDM | 1 | 99 | 24.95 | 25.15 | 25.01 | 25.7 | 0 | | |
| 15 | OFDM | 1 | 74 | 25.01 | 25.04 | 24.92 | | | | |
| 15 | OFDM | 36 | 0 | 24.92 | 25.09 | 24.91 | | | | |
| 15 | OFDM | 36 | 99 | 24.96 | 25.06 | 24.96 | 25.7 | 0 | | |
| 15 | OFDM | 36 | 99 | 24.93 | 25.03 | 24.99 | | | | |
| 15 | OFDM | 75 | 0 | 24.94 | 25.04 | 24.99 | | | | |
| 15 | 16QAM | 1 | 37 | 24.97 | 24.98 | 24.83 | 25.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 24.81 | 24.90 | 24.80 | | | | |
| 15 | 16QAM | 36 | 0 | 23.81 | 24.00 | 23.75 | | | | |
| 15 | 16QAM | 36 | 20 | 23.78 | 23.81 | 23.74 | 24.7 | 1 | | |
| 15 | 16QAM | 36 | 99 | 23.82 | 23.82 | 23.74 | | | | |
| 15 | 16QAM | 75 | 0 | 23.95 | 24.13 | 23.93 | | | | |
| 15 | 84QAM | 1 | 0 | 24.12 | 24.13 | 24.11 | | | | |
| 15 | 84QAM | 1 | 74 | 24.01 | 24.03 | 23.99 | 24.7 | 1 | | |
| 15 | 84QAM | 36 | 0 | 22.82 | 22.91 | 22.80 | | | | |
| 15 | 84QAM | 36 | 20 | 22.73 | 22.82 | 22.73 | 23.7 | 2 | | |
| 15 | 84QAM | 36 | 99 | 22.84 | 22.82 | 22.81 | | | | |
| 15 | 84QAM | 75 | 0 | 22.93 | 23.11 | 22.86 | | | | |
| 15 | 256QAM | 1 | 37 | 19.89 | 19.90 | 19.80 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 20.02 | 20.05 | 19.94 | | | | |
| 15 | 256QAM | 36 | 0 | 19.73 | 19.86 | 19.83 | | | | |
| 15 | 256QAM | 36 | 20 | 19.77 | 19.86 | 19.75 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 99 | 19.79 | 19.86 | 19.83 | | | | |
| 15 | 256QAM | 75 | 0 | 19.99 | 20.02 | 20.03 | | | | |
| Channel | | | | | | | | | | |
| 10 | OFDM | 1 | 0 | 24.95 | 25.14 | 25.00 | | | | |
| 10 | OFDM | 1 | 25 | 24.81 | 24.96 | 24.95 | 25.7 | 0 | | |
| 10 | OFDM | 1 | 49 | 24.92 | 24.92 | 24.85 | | | | |
| 10 | OFDM | 25 | 0 | 24.98 | 25.05 | 24.91 | | | | |
| 10 | OFDM | 25 | 12 | 24.85 | 25.01 | 24.90 | 25.7 | 0 | | |
| 10 | OFDM | 25 | 99 | 24.95 | 24.96 | 24.90 | | | | |
| 10 | OFDM | 50 | 0 | 24.91 | 25.01 | 24.85 | | | | |
| 10 | 16QAM | 1 | 0 | 24.98 | 25.05 | 25.00 | | | | |
| 10 | 16QAM | 1 | 49 | 24.98 | 24.97 | 24.91 | 25.7 | 0 | | |
| 10 | 16QAM | 1 | 99 | 24.91 | 24.91 | 24.85 | | | | |
| 10 | 16QAM | 50 | 0 | 24.76 | 24.86 | 24.80 | | | | |
| 10 | 16QAM | 50 | 24 | 24.82 | 24.89 | 24.81 | 24.7 | 1 | | |
| 10 | 16QAM | 50 | 99 | 24.81 | 24.89 | 24.77 | | | | |
| 10 | 16QAM | 25 | 0 | 23.77 | 23.86 | 23.68 | | | | |
| 10 | 16QAM | 25 | 12 | 23.70 | 23.79 | 23.62 | 24.7 | 1 | | |
| 10 | 16QAM | 25 | 99 | 23.76 | 23.86 | 23.82 | | | | |
| 10 | 84QAM | 1 | 0 | 24.09 | 24.20 | 24.16 | | | | |
| 10 | 84QAM | 1 | 25 | 23.98 | 24.06 | 23.92 | 24.7 | 1 | | |
| 10 | 84QAM | 1 | 49 | 24.02 | 24.01 | 24.01 | | | | |
| 10 | 84QAM | 25 | 0 | 22.88 | 23.02 | 22.85 | | | | |
| 10 | 84QAM | 25 | 12 | 22.79 | 22.79 | 22.76 | 23.7 | 2 | | |
| 10 | 84QAM | 25 | 99 | 22.88 | 22.95 | 22.88 | | | | |
| 10 | 256QAM | 1 | 0 | 19.97 | 19.99 | 19.91 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.90 | 19.92 | 19.87 | | | | |
| 10 | 256QAM | 1 | 49 | 20.03 | 20.02 | 19.97 | | | | |
| 10 | 256QAM | 25 | 0 | 19.87 | 19.85 | 19.83 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.72 | 19.85 | 19.83 | | | | |
| 10 | 256QAM | 25 | 99 | 19.81 | 19.89 | 19.82 | | | | |
| 10 | 256QAM | 50 | 0 | 19.96 | 20.00 | 19.98 | | | | |
| Channel | | | | | | | | | | |
| 5 | OFDM | 1 | 0 | 24.92 | 25.12 | 25.00 | | | | |
| 5 | OFDM | 1 | 12 | 24.83 | 24.94 | 24.93 | 25.7 | 0 | | |
| 5 | OFDM | 1 | 24 | 24.93 | 25.03 | 24.99 | | | | |
| 5 | OFDM | 12 | 0 | 24.86 | 24.93 | 24.86 | | | | |
| 5 | OFDM | 12 | 7 | 24.93 | 25.01 | 24.93 | | | | |
| 5 | OFDM | 12 | 13 | 24.95 | 25.04 | 24.93 | 25.7 | 0 | | |
| 5 | OFDM | 25 | 0 | 24.94 | 24.94 | 24.87 | | | | |
| 5 | 16QAM | 1 | 0 | 24.96 | 25.11 | 24.99 | | | | |
| 5 | 16QAM | 1 | 12 | 24.94 | 24.99 | 24.90 | 25.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 24.81 | 24.97 | 24.81 | | | | |
| 5 | 16QAM | 12 | 0 | 23.89 | 23.91 | 23.85 | | | | |
| 5 | 16QAM | 12 | 7 | 23.76 | 23.91 | 23.82 | 24.7 | 1 | | |
| 5 | 16QAM | 12 | 13 | 23.71 | 23.86 | 23.71 | | | | |
| 5 | 16QAM | 25 | 0 | 24.03 | 24.05 | 23.92 | | | | |
| 5 | 84QAM | 1 | 0 | 24.07 | 24.10 | 24.07 | | | | |
| 5 | 84QAM | 1 | 12 | 23.98 | 24.10 | 23.99 | 24.7 | 1 | | |
| 5 | 84QAM | 1 | 24 | 24.02 | 24.11 | 24.07 | | | | |
| 5 | 84QAM | 12 | 0 | 22.98 | 23.02 | 22.93 | | | | |
| 5 | 84QAM | 12 | 7 | 22.75 | 22.87 | 22.84 | 23.7 | 2 | | |
| 5 | 84QAM | 12 | 13 | 22.85 | 22.94 | 22.75 | | | | |
| 5 | 84QAM | 25 | 0 | 22.93 | 22.92 | 22.87 | | | | |
| 5 | 256QAM | 1 | 0 | 20.01 | 20.06 | 19.96 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.92 | 19.99 | 19.91 | | | | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.06 | 19.94 | | | | |
| 5 | 256QAM | 12 | 0 | 19.93 | 19.94 | 19.82 | | | | |
| 5 | 256QAM | 12 | 7 | 19.70 | 19.90 | 19.87 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.95 | 19.82 | | | | |
| 5 | 256QAM | 25 | 0 | 19.97 | 20.01 | 20.00 | | | | |
| Channel | | | | | | | | | | |
| 1.4 | OFDM | 1 | 0 | 24.96 | 25.13 | 25.03 | | | | |
| 1.4 | OFDM | 1 | 3 | 24.91 | 25.00 | 24.87 | 25.7 | 0 | | |
| 1.4 | OFDM | 1 | 14 | 24.99 | 25.02 | 24.97 | | | | |
| 1.4 | OFDM | 3 | 0 | 24.88 | 24.98 | 24.93 | | | | |
| 1.4 | OFDM | 3 | 7 | 24.90 | 24.98 | 24.93 | 25.7 | 0 | | |
| 1.4 | OFDM | 15 | 0 | 24.92 | 25.04 | 24.91 | | | | |
| 1.4 | 16QAM | 1 | 0 | 25.01 | 25.01 | 24.97 | | | | |
| 1.4 | 16QAM | 1 | 14 | 24.81 | 24.92 | 24.82 | 25.7 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 23.88 | 23.95 | 23.83 | | | | |
| 1.4 | 16QAM | 3 | 4 | 23.78 | 23.80 | 23.79 | 24.7 | 1 | | |
| 1.4 | 16QAM | 3 | 7 | 24.72 | 24.82 | 24.82 | | | | |
| 1.4 | 16QAM | 15 | 0 | 24.06 | 24.10 | 23.99 | | | | |
| 1.4 | 84QAM | 1 | 0 | 24.06 | 24.12 | 24.06 | | | | |
| 1.4 | 84QAM | 1 | 14 | 24.00 | 24.06 | 24.06 | 24.7 | 1 | | |
| 1.4 | 84QAM | 3 | 0 | 22.85 | 22.93 | 22.85 | | | | |
| 1.4 | 84QAM | 3 | 4 | 22.80 | 22.84 | 22.82 | 23.7 | 2 | | |
| 1.4 | 84QAM | 3 | 7 | 22.86 | 22.94 | 22.78 | | | | |
| 1.4 | 84QAM | 15 | 0 | 22.92 | 23.06 | 22.95 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.99 | 20.06 | 19.94 | 20.7 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.87 | 19.97 | 19.83 | | | | |
| 1.4 | 256QAM | 1 | 14 | 19.91 | 19.95 | 19.81 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.84 | 19.95 | 19.81 | | | | |
| 1.4 | 256QAM | 3 | | | | | | | | |



| Band 38 Ant3 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 25.14 | 25.16 | 25.10 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.95 | 25.02 | 24.93 | | | | |
| 20 | QPSK | 1 | 99 | 24.94 | 25.00 | 24.93 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 0 | 24.13 | 24.17 | 24.07 | | | | |
| 20 | QPSK | 50 | 24 | 24.08 | 24.10 | 24.10 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.11 | 23.96 | | | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.16 | 24.09 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.16 | 24.11 | | | | |
| 20 | 16QAM | 1 | 49 | 23.89 | 24.02 | 24.00 | 23.7 | 2 | | |
| 20 | 16QAM | 1 | 99 | 24.03 | 24.05 | 23.96 | | | | |
| 20 | 16QAM | 50 | 0 | 23.13 | 23.13 | 23.02 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 24 | 22.95 | 23.02 | 23.01 | | | | |
| 20 | 16QAM | 50 | 50 | 23.04 | 23.16 | 23.02 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.03 | 23.17 | 23.08 | | | | |
| 20 | 64QAM | 1 | 0 | 23.12 | 23.17 | 23.17 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 49 | 22.99 | 23.10 | 23.04 | | | | |
| 20 | 64QAM | 1 | 99 | 23.05 | 23.06 | 22.96 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.13 | 22.03 | | | | |
| 20 | 64QAM | 50 | 24 | 21.99 | 22.00 | 22.01 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.05 | 22.12 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 22.15 | 22.17 | 22.06 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 0 | 20.03 | 20.11 | 20.14 | | | | |
| 20 | 256QAM | 1 | 49 | 19.86 | 20.00 | 19.96 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 20.04 | 20.14 | 20.08 | | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.10 | 20.10 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 20.01 | 20.11 | 20.01 | | | | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.07 | 19.98 | 20.7 | 5 | | |
| 20 | 256QAM | 100 | 0 | 20.09 | 20.20 | 20.20 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.03 | 25.04 | 24.99 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.86 | 24.92 | 24.88 | | | | |
| 15 | QPSK | 1 | 74 | 24.80 | 24.88 | 24.90 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 0 | 24.01 | 24.04 | 24.02 | | | | |
| 15 | QPSK | 36 | 20 | 24.02 | 23.98 | 24.01 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 23.95 | 24.07 | 23.86 | | | | |
| 15 | QPSK | 75 | 0 | 24.04 | 24.08 | 24.02 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 23.85 | 24.12 | 24.06 | | | | |
| 15 | 16QAM | 1 | 37 | 23.79 | 23.88 | 23.94 | 23.7 | 2 | | |
| 15 | 16QAM | 1 | 74 | 23.95 | 24.00 | 23.87 | | | | |
| 15 | 16QAM | 36 | 0 | 23.98 | 23.99 | 22.98 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 20 | 22.86 | 22.91 | 22.90 | | | | |
| 15 | 16QAM | 36 | 39 | 22.94 | 23.09 | 22.88 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.98 | 23.12 | 22.96 | | | | |
| 15 | 64QAM | 1 | 0 | 22.98 | 23.05 | 23.13 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 37 | 22.86 | 23.00 | 22.95 | | | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 22.99 | 22.93 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 0 | 21.99 | 22.06 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.85 | 21.92 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.98 | 22.04 | | | | |
| 15 | 64QAM | 75 | 0 | 22.10 | 22.10 | 22.02 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 0 | 19.96 | 20.05 | 20.03 | | | | |
| 15 | 256QAM | 1 | 37 | 19.76 | 19.87 | 19.82 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.96 | 20.11 | 19.94 | | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 19.96 | 20.04 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.00 | 19.96 | | | | |
| 15 | 256QAM | 36 | 39 | 20.01 | 19.94 | 19.86 | 20.7 | 5 | | |
| 15 | 256QAM | 75 | 0 | 20.05 | 20.16 | 20.06 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.10 | 25.09 | 25.05 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.91 | 24.91 | 24.83 | | | | |
| 10 | QPSK | 1 | 49 | 24.81 | 24.89 | 24.86 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 0 | 23.99 | 24.07 | 23.95 | | | | |
| 10 | QPSK | 25 | 12 | 23.99 | 24.00 | 24.03 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.92 | 24.06 | 23.87 | | | | |
| 10 | QPSK | 50 | 0 | 23.92 | 24.10 | 24.04 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 23.89 | 24.07 | 24.06 | | | | |
| 10 | 16QAM | 1 | 25 | 23.85 | 23.94 | 23.86 | 23.7 | 2 | | |
| 10 | 16QAM | 1 | 49 | 23.93 | 23.92 | 23.81 | | | | |
| 10 | 16QAM | 25 | 0 | 23.06 | 23.06 | 22.88 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 12 | 22.92 | 22.98 | 22.90 | | | | |
| 10 | 16QAM | 25 | 25 | 22.97 | 23.03 | 22.91 | 23.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 22.99 | 23.07 | 22.99 | | | | |
| 10 | 64QAM | 1 | 0 | 23.04 | 23.08 | 23.03 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 25 | 22.95 | 22.99 | 22.89 | | | | |
| 10 | 64QAM | 1 | 49 | 22.99 | 22.95 | 22.92 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.03 | 21.97 | | | | |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.89 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 21.95 | 21.98 | 21.95 | | | | |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.09 | 21.97 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 0 | 19.94 | 19.98 | 20.03 | | | | |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.88 | 19.84 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.92 | 19.99 | 19.93 | | | | |
| 10 | 256QAM | 25 | 0 | 19.91 | 20.03 | 19.97 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.97 | 19.99 | 19.96 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.99 | 19.89 | 20.7 | 5 | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 20.12 | 20.12 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.05 | 25.03 | 25.07 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.82 | 24.89 | 24.83 | | | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.94 | 24.88 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 0 | 24.04 | 24.12 | 24.02 | | | | |
| 5 | QPSK | 12 | 7 | 24.04 | 24.05 | 24.04 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.88 | 24.01 | 23.92 | | | | |
| 5 | QPSK | 25 | 0 | 24.00 | 24.12 | 23.99 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 23.93 | 24.11 | 24.01 | | | | |
| 5 | 16QAM | 1 | 12 | 23.75 | 23.90 | 23.88 | 23.7 | 2 | | |
| 5 | 16QAM | 1 | 24 | 23.92 | 24.02 | 23.89 | | | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.01 | 22.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 7 | 22.81 | 22.99 | 22.98 | | | | |
| 5 | 16QAM | 12 | 13 | 22.99 | 23.04 | 22.91 | 23.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.96 | 23.09 | 22.94 | | | | |
| 5 | 64QAM | 1 | 0 | 23.02 | 23.05 | 23.07 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 12 | 22.86 | 23.05 | 23.00 | | | | |
| 5 | 64QAM | 1 | 24 | 23.01 | 22.99 | 22.85 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 0 | 22.02 | 22.04 | 21.89 | | | | |
| 5 | 64QAM | 12 | 7 | 21.93 | 21.90 | 21.94 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.90 | 22.06 | 22.04 | | | | |
| 5 | 64QAM | 25 | 0 | 22.06 | 22.12 | 21.99 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 0 | 19.96 | 19.96 | 20.05 | | | | |
| 5 | 256QAM | 1 | 12 | 19.80 | 19.88 | 19.81 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.94 | 20.00 | 19.97 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.00 | 20.02 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 20.02 | 19.96 | | | | |
| 5 | 256QAM | 12 | 13 | 19.96 | 20.01 | 19.90 | 20.7 | 5 | | |
| 5 | 256QAM | 25 | 0 | 20.00 | 20.12 | 20.05 | | | | |

| Band 41 Ant3 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 24.98 | 25.07 | 25.20 | 25.16 | 25.13 | 25.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.90 | 25.00 | 25.06 | 24.94 | 25.03 | | |
| 20 | QPSK | 1 | 99 | 25.00 | 25.03 | 25.12 | 25.08 | 24.99 | 24.7 | 1 |
| 20 | QPSK | 50 | 0 | 24.05 | 24.04 | 24.15 | 24.10 | 24.05 | | |
| 20 | QPSK | 50 | 24 | 23.99 | 23.99 | 24.02 | 23.98 | 24.03 | 24.7 | 1 |
| 20 | QPSK | 50 | 50 | 24.00 | 23.95 | 24.11 | 24.06 | 23.99 | | |
| 20 | QPSK | 100 | 0 | 24.03 | 23.98 | 24.09 | 24.06 | 23.99 | 24.7 | 1 |
| 20 | 16QAM | 1 | 0 | 24.09 | 24.16 | 24.15 | 24.14 | 24.01 | | |
| 20 | 16QAM | | | | | | | | | |

GSM1900 Ant4 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 910 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | 30.00 | 1850.2 | 1880 | 1909.8 | 21.00 |
| GSM 1 Tx slot | 28.27 | 28.42 | 28.32 | 30.00 | 19.27 | 19.42 | 19.32 | 21.00 |
| GPRS 1 Tx slot | 28.25 | 28.40 | 28.31 | 30.00 | 19.25 | 19.40 | 19.31 | 21.00 |
| GPRS 2 Tx slots | 25.26 | 25.32 | 25.17 | 27.00 | 19.26 | 19.32 | 19.17 | 21.00 |
| GPRS 3 Tx slots | 23.49 | 23.51 | 23.39 | 25.20 | 19.23 | 19.25 | 19.13 | 20.94 |
| GPRS 4 Tx slots | 22.21 | 22.30 | 22.12 | 24.00 | 19.21 | 19.30 | 19.12 | 21.00 |
| EDGE 1 Tx slot | 24.22 | 24.38 | 24.33 | 26.00 | 15.22 | 15.38 | 15.33 | 17.00 |
| EDGE 2 Tx slots | 21.35 | 21.51 | 21.27 | 23.00 | 15.35 | 15.51 | 15.27 | 17.00 |
| EDGE 3 Tx slots | 19.41 | 19.55 | 19.46 | 21.20 | 15.15 | 15.29 | 15.20 | 16.94 |
| EDGE 4 Tx slots | 18.37 | 18.28 | 18.34 | 20.00 | 15.37 | 15.28 | 15.34 | 17.00 |

WCDMA II Ant4 Default

WCDMA IV Ant4 Default

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 24.50 | 1712.4 | 1732.6 | 1752.6 | 24.50 |
| 3GPP Rel 99 AMR 12.2kbps | 22.77 | 22.82 | 22.74 | 24.50 | 23.10 | 23.15 | 23.14 | 24.50 |
| 3GPP Rel 99 RMC 12.2kbps | 22.78 | 22.84 | 22.76 | 24.50 | 23.11 | 23.17 | 23.15 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 21.60 | 21.80 | 21.68 | 23.50 | 22.08 | 22.21 | 22.14 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 21.53 | 21.84 | 21.56 | 23.50 | 22.02 | 22.26 | 22.13 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 21.13 | 21.21 | 21.24 | 23.00 | 21.63 | 21.67 | 21.72 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 21.19 | 21.26 | 21.29 | 23.00 | 21.63 | 21.63 | 21.70 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 21.81 | 21.81 | 21.76 | 23.50 | 22.26 | 22.23 | 22.25 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 21.56 | 21.74 | 21.58 | 23.50 | 22.03 | 22.19 | 22.02 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 21.21 | 21.31 | 21.18 | 23.00 | 21.69 | 21.70 | 21.67 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 21.16 | 21.35 | 21.24 | 23.00 | 21.63 | 21.70 | 21.64 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 21.60 | 21.85 | 21.72 | 23.50 | 22.08 | 22.17 | 22.20 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 19.84 | 19.67 | 19.83 | 21.50 | 20.37 | 20.11 | 20.23 | 21.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 20.74 | 20.82 | 20.68 | 22.50 | 21.18 | 21.31 | 21.07 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 19.74 | 19.82 | 19.60 | 21.50 | 20.18 | 20.24 | 20.04 | 21.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 21.69 | 21.75 | 21.72 | 23.50 | 22.08 | 22.17 | 22.22 | 23.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 19.11 | 19.33 | 19.24 | 21.00 | 19.67 | 19.74 | 19.62 | 21.00 |



| Band 2 Ant4 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------|-------------------|--------------------|---------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Mhz (W) | Power Ch/Freq (W) | Power Tot/Freq (W) | Turn-up (min) | MFR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 1860 | 1860 | 1860 | | | | |
| 20 | QPSK | 1 | 49 | 23.51 | 23.42 | 23.42 | 25 | 0 | | |
| 20 | QPSK | 1 | 99 | 23.32 | 23.34 | 23.33 | | | | |
| 20 | QPSK | 1 | 149 | 23.13 | 23.15 | 23.14 | | | | |
| 20 | QPSK | 50 | 24 | 23.37 | 23.37 | 23.37 | | | | |
| 20 | QPSK | 50 | 74 | 23.23 | 23.23 | 23.23 | | | | |
| 20 | QPSK | 50 | 124 | 23.09 | 23.09 | 23.09 | | | | |
| 20 | HQAM | 1 | 0 | 23.31 | 23.44 | 23.38 | 25 | 0 | | |
| 20 | HQAM | 1 | 49 | 23.39 | 23.28 | 23.33 | | | | |
| 20 | HQAM | 50 | 0 | 22.98 | 22.98 | 22.98 | | | | |
| 20 | HQAM | 50 | 24 | 22.97 | 22.96 | 22.96 | 24 | 1 | | |
| 20 | HQAM | 50 | 74 | 22.82 | 22.82 | 22.82 | | | | |
| 20 | HQAM | 100 | 0 | 22.33 | 22.38 | 22.34 | | | | |
| 20 | HQAM | 100 | 49 | 22.41 | 22.52 | 22.45 | 24 | 1 | | |
| 20 | HQAM | 1 | 99 | 22.31 | 22.29 | 22.28 | | | | |
| 20 | HQAM | 50 | 24 | 21.31 | 21.25 | 21.24 | 23 | 2 | | |
| 20 | HQAM | 50 | 74 | 21.33 | 21.31 | 21.31 | | | | |
| 20 | HQAM | 100 | 0 | 18.28 | 18.40 | 18.25 | | | | |
| 20 | HQAM | 100 | 49 | 18.28 | 18.40 | 18.25 | | | | |
| 20 | HQAM | 100 | 99 | 18.28 | 18.40 | 18.25 | | | | |
| 20 | HQAM | 50 | 0 | 18.21 | 18.24 | 18.21 | | | | |
| 20 | HQAM | 50 | 24 | 18.21 | 18.24 | 18.21 | | | | |
| 20 | HQAM | 50 | 74 | 18.21 | 18.24 | 18.21 | | | | |
| 20 | HQAM | 50 | 99 | 18.25 | 18.25 | 18.25 | | | | |
| 20 | HQAM | 100 | 0 | 18.28 | 18.38 | 18.24 | | | | |
| 20 | HQAM | 100 | 49 | 18.28 | 18.38 | 18.24 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.43 | 23.49 | 23.47 | | | | |
| 15 | QPSK | 1 | 49 | 23.37 | 23.37 | 23.37 | | | | |
| 15 | QPSK | 1 | 99 | 23.21 | 23.24 | 23.22 | | | | |
| 15 | QPSK | 38 | 0 | 23.43 | 23.49 | 23.47 | | | | |
| 15 | QPSK | 38 | 49 | 23.37 | 23.37 | 23.37 | | | | |
| 15 | QPSK | 38 | 99 | 23.20 | 23.18 | 23.19 | 25 | 0 | | |
| 15 | QPSK | 75 | 0 | 23.23 | 23.26 | 23.23 | | | | |
| 15 | HQAM | 1 | 0 | 23.28 | 23.30 | 23.29 | | | | |
| 15 | HQAM | 1 | 49 | 23.24 | 23.24 | 23.24 | 25 | 0 | | |
| 15 | HQAM | 1 | 74 | 23.19 | 23.20 | 23.21 | | | | |
| 15 | HQAM | 1 | 99 | 23.27 | 23.26 | 23.26 | | | | |
| 15 | HQAM | 38 | 0 | 23.25 | 23.28 | 23.25 | | | | |
| 15 | HQAM | 38 | 49 | 23.19 | 23.20 | 23.21 | 24 | 1 | | |
| 15 | HQAM | 38 | 99 | 23.20 | 23.22 | 23.22 | | | | |
| 15 | HQAM | 1 | 0 | 22.17 | 22.20 | 22.16 | | | | |
| 15 | HQAM | 1 | 49 | 22.25 | 22.25 | 22.25 | 24 | 1 | | |
| 15 | HQAM | 1 | 74 | 22.16 | 22.18 | 22.18 | | | | |
| 15 | HQAM | 38 | 0 | 21.15 | 21.25 | 21.25 | | | | |
| 15 | HQAM | 38 | 49 | 21.22 | 21.22 | 21.22 | | | | |
| 15 | HQAM | 38 | 99 | 21.20 | 21.20 | 21.20 | 23 | 2 | | |
| 15 | HQAM | 75 | 0 | 21.32 | 21.32 | 21.32 | | | | |
| 15 | HQAM | 75 | 49 | 21.30 | 21.30 | 21.30 | | | | |
| 15 | HQAM | 1 | 99 | 18.30 | 18.30 | 18.30 | | | | |
| 15 | HQAM | 1 | 99 | 18.30 | 18.30 | 18.30 | | | | |
| 15 | HQAM | 38 | 0 | 18.07 | 18.20 | 18.13 | | | | |
| 15 | HQAM | 38 | 49 | 18.12 | 18.12 | 18.12 | | | | |
| 15 | HQAM | 38 | 99 | 18.25 | 18.25 | 18.25 | | | | |
| 15 | HQAM | 75 | 0 | 18.25 | 18.25 | 18.25 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.45 | 23.52 | 23.56 | | | | |
| 10 | QPSK | 1 | 25 | 23.25 | 23.29 | 23.28 | 25 | 0 | | |
| 10 | QPSK | 1 | 50 | 23.05 | 23.05 | 23.05 | | | | |
| 10 | QPSK | 26 | 0 | 23.31 | 23.38 | 23.35 | | | | |
| 10 | QPSK | 26 | 12 | 23.21 | 23.27 | 23.24 | 25 | 0 | | |
| 10 | QPSK | 26 | 25 | 23.02 | 23.02 | 23.02 | | | | |
| 10 | QPSK | 60 | 0 | 23.11 | 23.30 | 23.20 | | | | |
| 10 | HQAM | 1 | 0 | 23.28 | 23.31 | 23.28 | 25 | 0 | | |
| 10 | HQAM | 1 | 25 | 23.24 | 23.24 | 23.24 | | | | |
| 10 | HQAM | 1 | 50 | 23.24 | 23.27 | 23.25 | | | | |
| 10 | HQAM | 26 | 0 | 22.26 | 22.26 | 22.26 | | | | |
| 10 | HQAM | 26 | 12 | 22.25 | 22.25 | 22.25 | 24 | 1 | | |
| 10 | HQAM | 26 | 25 | 22.24 | 22.22 | 22.22 | | | | |
| 10 | HQAM | 1 | 0 | 22.25 | 22.27 | 22.26 | | | | |
| 10 | HQAM | 1 | 25 | 22.28 | 22.22 | 22.27 | 24 | 1 | | |
| 10 | HQAM | 1 | 50 | 22.15 | 21.28 | 21.14 | | | | |
| 10 | HQAM | 26 | 0 | 21.38 | 21.41 | 21.41 | | | | |
| 10 | HQAM | 26 | 12 | 21.39 | 21.39 | 21.39 | 23 | 2 | | |
| 10 | HQAM | 26 | 25 | 21.30 | 21.30 | 21.30 | | | | |
| 10 | HQAM | 60 | 0 | 18.23 | 18.14 | 18.15 | | | | |
| 10 | HQAM | 60 | 25 | 18.21 | 18.18 | 18.18 | | | | |
| 10 | HQAM | 60 | 50 | 18.25 | 18.25 | 18.25 | | | | |
| 10 | HQAM | 26 | 0 | 18.02 | 18.12 | 18.06 | | | | |
| 10 | HQAM | 26 | 12 | 18.20 | 18.18 | 18.26 | 20 | 5 | | |
| 10 | HQAM | 26 | 25 | 18.20 | 18.18 | 18.26 | | | | |
| 10 | HQAM | 60 | 0 | 18.18 | 18.20 | 18.19 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 1860 | 1860 | 1860 | | | | |
| 5 | QPSK | 1 | 12 | 23.27 | 23.28 | 23.28 | 25 | 0 | | |
| 5 | QPSK | 1 | 24 | 23.18 | 23.23 | 23.16 | | | | |
| 5 | QPSK | 1 | 36 | 23.05 | 23.05 | 23.05 | | | | |
| 5 | QPSK | 12 | 7 | 23.23 | 23.20 | 23.23 | | | | |
| 5 | QPSK | 12 | 19 | 23.10 | 23.20 | 23.24 | | | | |
| 5 | QPSK | 12 | 31 | 23.09 | 23.09 | 23.09 | | | | |
| 5 | HQAM | 1 | 0 | 23.31 | 23.42 | 23.29 | 25 | 0 | | |
| 5 | HQAM | 1 | 12 | 23.30 | 23.29 | 23.29 | | | | |
| 5 | HQAM | 1 | 24 | 23.18 | 23.28 | 23.24 | | | | |
| 5 | HQAM | 12 | 0 | 23.20 | 23.28 | 23.26 | | | | |
| 5 | HQAM | 12 | 12 | 23.17 | 23.17 | 23.17 | 24 | 1 | | |
| 5 | HQAM | 12 | 24 | 22.36 | 22.29 | 22.29 | | | | |
| 5 | HQAM | 25 | 0 | 22.23 | 22.28 | 22.25 | | | | |
| 5 | HQAM | 25 | 12 | 22.25 | 22.28 | 22.28 | 24 | 1 | | |
| 5 | HQAM | 1 | 24 | 22.24 | 22.18 | 22.22 | | | | |
| 5 | HQAM | 12 | 7 | 21.19 | 21.17 | 21.17 | 23 | 2 | | |
| 5 | HQAM | 12 | 19 | 21.24 | 21.18 | 21.25 | | | | |
| 5 | HQAM | 12 | 31 | 21.12 | 21.12 | 21.12 | | | | |
| 5 | HQAM | 25 | 0 | 18.12 | 18.20 | 18.14 | | | | |
| 5 | HQAM | 25 | 12 | 18.15 | 18.20 | 18.25 | | | | |
| 5 | HQAM | 25 | 24 | 18.15 | 18.18 | 18.23 | 20 | 5 | | |
| 5 | HQAM | 25 | 0 | 18.25 | 18.21 | 18.18 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.45 | 23.44 | 23.36 | | | | |
| 3 | QPSK | 1 | 14 | 23.23 | 23.24 | 23.24 | 25 | 0 | | |
| 3 | QPSK | 1 | 28 | 23.08 | 23.03 | 23.07 | | | | |
| 3 | QPSK | 8 | 0 | 23.24 | 23.29 | 23.29 | | | | |
| 3 | QPSK | 8 | 7 | 23.12 | 23.20 | 23.20 | 25 | 0 | | |
| 3 | QPSK | 15 | 0 | 23.18 | 23.26 | 23.23 | | | | |
| 3 | HQAM | 1 | 0 | 23.33 | 23.48 | 23.41 | | | | |
| 3 | HQAM | 1 | 8 | 23.28 | 23.20 | 23.27 | 25 | 0 | | |
| 3 | HQAM | 15 | 0 | 22.29 | 22.29 | 22.29 | | | | |
| 3 | HQAM | 15 | 4 | 22.20 | 22.31 | 22.13 | 24 | 1 | | |
| 3 | HQAM | 1 | 0 | 22.24 | 22.31 | 22.09 | | | | |
| 3 | HQAM | 1 | 0 | 22.23 | 22.31 | 22.25 | | | | |
| 3 | HQAM | 1 | 14 | 22.22 | 22.28 | 22.28 | 24 | 1 | | |
| 3 | HQAM | 1 | 0 | 21.17 | 21.26 | 21.27 | | | | |
| 3 | HQAM | 8 | 7 | 21.30 | 21.28 | 21.21 | 23 | 2 | | |
| 3 | HQAM | 15 | 0 | 18.21 | 18.21 | 18.21 | | | | |
| 3 | HQAM | 1 | 0 | 18.31 | 18.31 | 18.12 | | | | |
| 3 | HQAM | 1 | 8 | 18.18 | 18.22 | 18.20 | | | | |
| 3 | HQAM | 1 | 8 | 18.08 | 18.20 | 18.16 | | | | |
| 3 | HQAM | 8 | 4 | 18.10 | 18.14 | 18.07 | | | | |
| 3 | HQAM | 8 | 7 | 18.11 | 18.18 | 18.18 | | | | |
| 3 | HQAM | 15 | 0 | 18.21 | 18.22 | 18.18 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 23.48 | 23.45 | 23.47 | | | | |
| 1.4 | QPSK | 1 | 3 | 23.22 | 23.27 | 23.27 | | | | |
| 1.4 | QPSK | 1 | 6 | 23.19 | 23.20 | 23.21 | | | | |
| 1.4 | QPSK | 3 | 0 | 23.41 | 23.32 | 23.32 | 25 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 23.29 | 23.32 | 23.32 | | | | |
| 1.4 | QPSK | 3 | 3 | 23.17 | 23.27 | 23.24 | 25 | 0 | | |
| 1.4 | HQAM | 1 | 0 | 23.16 | 23.26 | 23.22 | | | | |
| 1.4 | HQAM | 1 | 3 | 23.31 | 23.25 | 23.25 | | | | |
| 1.4 | HQAM | 1 | 5 | 23.27 | 23.19 | 23.27 | 25 | 0 | | |
| 1.4 | HQAM | 3 | 0 | 23.28 | 23.32 | 23.34 | | | | |
| 1.4 | HQAM | 3 | 1 | 23.18 | 23.22 | 23.13 | | | | |
| 1.4 | HQAM | 3 | 3 | 23.36 | 23.33 | 23.23 | | | | |
| 1.4 | HQAM | 3 | 6 | 23.28 | 23.28 | 23.14 | 24 | 1 | | |
| 1.4 | HQAM | 1 | 0 | 22.16 | 22.20 | 22.16 | | | | |
| 1.4 | HQAM | 1 | 3 | 22.27 | 22.21 | 22.25 | | | | |
| 1.4 | HQAM | 1 | 6 | 22.18 | 22.25 | 22.25 | 24 | 1 | | |
| 1.4 | HQAM | 3 | 0 | 22.19 | 22.22 | 22.22 | | | | |
| 1.4 | HQAM | 3 | 1 | 22.17 | 22.17 | 22.17 | | | | |
| 1.4 | HQAM | 3 | 3 | 22.18 | 22.15 | 22.25 | 23 | 2 | | |
| 1.4 | HQAM | 3 | 6 | 21.20 | 21.34 | 21.28 | 23 | 2 | | |
| 1.4 | HQAM | 3 | 14 | 21.13 | 21.22 | 21.23 | | | | |
| 1.4 | HQAM | 1 | 0 | 18.21 | 18.12 | 18.23 | | | | |
| 1.4 | HQAM | 1 | 3 | 18.22 | 18.11 | 18.23 | | | | |
| 1.4 | HQAM | 1 | 6 | 18.13 | 18.18 | 18.28 | | | | |
| 1.4 | HQAM | 3 | 0 | 18.05 | 18.17 | 18.21 | | | | |
| 1.4 | HQAM | 3 | 1 | 18.09 | 18.12 | 18.19 | | | | |
| 1.4 | HQAM | 3 | 3 | 18.09 | 18.12 | 18.24 | 20 | 5 | | |

| Band 4 Ant4 Default-Other PA | | | | | | | | | | |
|------------------------------|------------|---------|-----------|---------|--|--|--|--|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power M | | | | | | |



| Band 38 Ant4 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 25.12 | 25.16 | 25.09 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.90 | 25.05 | 25.01 | | | | |
| 20 | QPSK | 1 | 99 | 24.91 | 25.03 | 24.98 | | | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.15 | 24.07 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 24.10 | 24.12 | 24.02 | | | | |
| 20 | QPSK | 50 | 50 | 24.00 | 24.05 | 23.98 | | | | |
| 20 | QPSK | 100 | 0 | 24.08 | 24.12 | 23.99 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.02 | 24.14 | 24.11 | | | | |
| 20 | 16QAM | 1 | 49 | 23.96 | 24.12 | 23.98 | | | | |
| 20 | 16QAM | 1 | 99 | 23.99 | 24.06 | 23.90 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 22.99 | 23.10 | 23.07 | | | | |
| 20 | 16QAM | 50 | 24 | 22.96 | 23.07 | 23.05 | | | | |
| 20 | 16QAM | 50 | 50 | 22.89 | 23.05 | 22.94 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 22.88 | 23.18 | 23.09 | | | | |
| 20 | 64QAM | 1 | 0 | 23.12 | 23.14 | 23.07 | | | | |
| 20 | 64QAM | 1 | 49 | 23.05 | 23.15 | 23.01 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 23.08 | 23.12 | 23.01 | | | | |
| 20 | 64QAM | 50 | 0 | 22.10 | 22.10 | 21.99 | | | | |
| 20 | 64QAM | 50 | 24 | 21.96 | 22.04 | 21.93 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.02 | 22.12 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 22.06 | 22.10 | 22.04 | | | | |
| 20 | 256QAM | 1 | 0 | 20.05 | 20.12 | 20.02 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 20.06 | 20.00 | | | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 20.03 | 19.94 | | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.11 | 20.05 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.93 | 19.81 | | | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.00 | 19.88 | | | | |
| 20 | 256QAM | 100 | 0 | 19.98 | 20.11 | 20.07 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.06 | 25.09 | 24.97 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.83 | 24.98 | 24.87 | | | | |
| 15 | QPSK | 1 | 74 | 24.86 | 24.98 | 24.90 | | | | |
| 15 | QPSK | 36 | 0 | 24.02 | 24.04 | 23.99 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 20 | 24.01 | 24.06 | 23.89 | | | | |
| 15 | QPSK | 36 | 39 | 23.94 | 23.97 | 23.91 | | | | |
| 15 | QPSK | 75 | 0 | 23.93 | 24.06 | 23.89 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 23.95 | 24.08 | 24.03 | | | | |
| 15 | 16QAM | 1 | 37 | 23.84 | 24.08 | 23.91 | | | | |
| 15 | 16QAM | 1 | 74 | 23.88 | 24.02 | 23.81 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 0 | 22.89 | 23.05 | 22.98 | | | | |
| 15 | 16QAM | 36 | 20 | 22.84 | 23.02 | 22.98 | | | | |
| 15 | 16QAM | 36 | 39 | 22.74 | 22.96 | 22.86 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.71 | 23.14 | 23.03 | | | | |
| 15 | 64QAM | 1 | 0 | 23.08 | 23.08 | 22.97 | | | | |
| 15 | 64QAM | 1 | 37 | 22.97 | 23.00 | 22.87 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.95 | 23.07 | 22.98 | | | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 21.99 | 21.95 | | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.99 | 21.86 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.93 | 22.01 | 21.94 | | | | |
| 15 | 64QAM | 75 | 0 | 21.94 | 22.04 | 21.91 | | | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 19.97 | 19.89 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.93 | 19.90 | | | | |
| 15 | 256QAM | 1 | 74 | 19.90 | 19.99 | 19.85 | | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 20.03 | 19.98 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 19.74 | 19.86 | 19.76 | | | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 19.91 | 19.76 | | | | |
| 15 | 256QAM | 75 | 0 | 19.90 | 20.01 | 20.04 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.00 | 25.05 | 24.99 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.78 | 24.95 | 24.96 | | | | |
| 10 | QPSK | 1 | 49 | 24.85 | 24.98 | 24.88 | | | | |
| 10 | QPSK | 25 | 0 | 23.96 | 24.04 | 24.03 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 12 | 23.99 | 23.97 | 23.87 | | | | |
| 10 | QPSK | 25 | 25 | 23.87 | 23.94 | 23.84 | | | | |
| 10 | QPSK | 50 | 0 | 23.99 | 24.08 | 23.86 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 23.96 | 24.07 | 24.06 | | | | |
| 10 | 16QAM | 1 | 25 | 23.82 | 24.01 | 23.85 | | | | |
| 10 | 16QAM | 1 | 49 | 23.87 | 24.00 | 23.76 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 0 | 22.84 | 22.96 | 22.93 | | | | |
| 10 | 16QAM | 25 | 12 | 22.83 | 22.98 | 23.00 | | | | |
| 10 | 16QAM | 25 | 25 | 22.84 | 22.91 | 22.87 | 23.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.14 | 22.94 | | | | |
| 10 | 64QAM | 1 | 0 | 23.05 | 23.10 | 23.01 | | | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.12 | 22.96 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 49 | 22.94 | 23.07 | 22.97 | | | | |
| 10 | 64QAM | 25 | 0 | 22.06 | 21.99 | 21.88 | | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.96 | 21.85 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 21.99 | 22.07 | 21.97 | | | | |
| 10 | 64QAM | 50 | 0 | 21.99 | 22.04 | 21.94 | | | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.94 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.99 | 19.93 | | | | |
| 10 | 256QAM | 1 | 49 | 19.97 | 19.88 | 19.88 | | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.08 | 20.01 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.87 | 19.72 | | | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.86 | 19.80 | | | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 20.06 | 19.98 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.07 | 25.08 | 25.00 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.87 | 25.00 | 24.90 | | | | |
| 5 | QPSK | 1 | 24 | 24.83 | 24.91 | 24.93 | | | | |
| 5 | QPSK | 12 | 0 | 24.06 | 24.11 | 24.00 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 7 | 24.08 | 24.02 | 23.92 | | | | |
| 5 | QPSK | 12 | 13 | 23.92 | 23.92 | 23.83 | | | | |
| 5 | QPSK | 25 | 0 | 24.05 | 23.97 | 23.90 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 23.95 | 24.08 | 24.00 | | | | |
| 5 | 16QAM | 1 | 12 | 23.92 | 24.06 | 23.89 | | | | |
| 5 | 16QAM | 1 | 24 | 23.91 | 24.00 | 23.83 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 0 | 22.93 | 22.96 | 22.95 | | | | |
| 5 | 16QAM | 12 | 7 | 22.86 | 22.97 | 22.96 | | | | |
| 5 | 16QAM | 12 | 13 | 22.74 | 22.99 | 22.80 | 23.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.94 | 23.12 | 23.01 | | | | |
| 5 | 64QAM | 1 | 0 | 23.05 | 23.05 | 22.97 | | | | |
| 5 | 64QAM | 1 | 12 | 22.92 | 23.05 | 22.87 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 24 | 22.97 | 22.99 | 22.92 | | | | |
| 5 | 64QAM | 12 | 0 | 22.01 | 22.02 | 21.94 | | | | |
| 5 | 64QAM | 12 | 7 | 21.83 | 21.95 | 21.85 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.89 | 22.01 | 21.99 | | | | |
| 5 | 64QAM | 25 | 0 | 21.98 | 22.02 | 21.97 | | | | |
| 5 | 256QAM | 1 | 0 | 19.85 | 20.05 | 19.91 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.83 | 20.03 | 19.90 | | | | |
| 5 | 256QAM | 1 | 24 | 19.93 | 19.91 | 19.89 | | | | |
| 5 | 256QAM | 12 | 0 | 20.01 | 20.04 | 20.01 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.68 | 19.89 | 19.75 | | | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.90 | 19.79 | | | | |
| 5 | 256QAM | 25 | 0 | 19.91 | 19.97 | 19.94 | | | | |

| Band 41 Ant4 Default-Other PA | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 24.97 | 25.11 | 25.21 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.87 | 25.00 | 25.01 | | | | |
| 20 | QPSK | 1 | 99 | 24.90 | 24.88 | 24.96 | | | | |
| 20 | QPSK | 50 | 0 | 24.12 | 24.13 | 24.14 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 24.03 | 23.93 | 24.07 | | | | |
| 20 | QPSK | 50 | 50 | 24.03 | 24.00 | 24.11 | | | | |
| 20 | QPSK | 100 | 0 | 24.01 | 24.00 | 24.07 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.00 | 24.08 | 24.18 | | | | |
| 20 | 16QAM | 1 | 49 | 23.93 | 24.05 | 24.12 | | | | |
| 20 | 16QAM | 1 | 99 | 23.98 | 23.94 | 24.07 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 23.06 | 22.97 | 23.11 | | | | |
| 20 | 16QAM | 50 | 24 | 23.03 | 22.89 | 22.95 | | | | |
| 20 | 16QAM | 50 | 50 | 22.98 | 23.06 | 23.02 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.95 | 23.08 | | | | |
| 20 | 64QAM | 1 | 0 | 23.16 | 23.21 | 23.19 | | | | |
| 20 | 64QAM | 1 | 49 | 2 | | | | | | |



GSM1900 Ant5 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 910 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | 31.00 | 1850.2 | 1880 | 1909.8 | 22.00 |
| GSM 1 Tx slot | 29.93 | 30.05 | 29.95 | 31.00 | 20.93 | 21.05 | 20.95 | 22.00 |
| GPRS 1 Tx slot | 29.92 | 30.03 | 29.94 | 31.00 | 20.92 | 21.03 | 20.94 | 22.00 |
| GPRS 2 Tx slots | 26.69 | 26.92 | 26.77 | 28.00 | 20.69 | 20.92 | 20.77 | 22.00 |
| GPRS 3 Tx slots | 24.78 | 25.06 | 24.86 | 26.20 | 20.52 | 20.80 | 20.60 | 21.94 |
| GPRS 4 Tx slots | 23.41 | 23.76 | 23.67 | 25.00 | 20.41 | 20.76 | 20.67 | 22.00 |
| EDGE 1 Tx slot | 25.67 | 25.86 | 25.59 | 27.00 | 16.67 | 16.86 | 16.59 | 18.00 |
| EDGE 2 Tx slots | 22.50 | 22.84 | 22.75 | 24.00 | 16.50 | 16.84 | 16.75 | 18.00 |
| EDGE 3 Tx slots | 20.87 | 21.09 | 21.01 | 22.20 | 16.61 | 16.83 | 16.75 | 17.94 |
| EDGE 4 Tx slots | 19.46 | 19.76 | 19.70 | 21.00 | 16.46 | 16.76 | 16.70 | 18.00 |

WCDMA II Ant5 Default

WCDMA IV Ant5 Default

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 AMR 12.2kbps | 24.00 | 24.13 | 24.05 | 25.00 | 24.03 | 24.15 | 24.11 | 25.50 |
| 3GPP Rel 99 RMC 12.2kbps | 24.01 | 24.14 | 24.06 | 25.00 | 24.05 | 24.17 | 24.12 | 25.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.98 | 23.18 | 23.06 | 24.00 | 23.03 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.91 | 23.22 | 22.94 | 24.00 | 23.11 | 23.19 | 23.06 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.51 | 22.59 | 22.62 | 23.50 | 22.59 | 22.56 | 22.48 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.57 | 22.64 | 22.67 | 23.50 | 22.64 | 22.61 | 22.54 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.19 | 23.19 | 23.14 | 24.00 | 23.11 | 23.16 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.94 | 23.12 | 22.96 | 24.00 | 22.93 | 23.09 | 22.91 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.59 | 22.69 | 22.56 | 23.50 | 22.53 | 22.66 | 22.56 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.54 | 22.73 | 22.62 | 23.50 | 22.59 | 22.70 | 22.51 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.08 | 23.23 | 23.10 | 24.00 | 23.07 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.22 | 21.05 | 21.21 | 22.00 | 21.18 | 21.02 | 21.19 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.12 | 22.20 | 22.06 | 23.00 | 22.03 | 22.17 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.12 | 21.20 | 21.08 | 22.00 | 20.97 | 21.17 | 21.09 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.07 | 23.13 | 22.95 | 24.00 | 23.07 | 23.10 | 23.04 | 24.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.49 | 20.71 | 20.62 | 21.50 | 20.59 | 20.68 | 20.50 | 22.00 |



MINISTRY OF NATIONAL DEFENSE

| Band 2 Ants Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------------|----------------------|----------------------|--------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power Peak Ch./Freq. | Turn-up (dB) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 1880 | 1880 | 1900 | | | | |
| 20 | QPSK | 1 | 49 | 2478 | 2478 | 2498 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 2487 | 2486 | 2479 | | | | |
| 20 | QPSK | 1 | 149 | 2486 | 2485 | 2478 | | | | |
| 20 | QPSK | 50 | 24 | 2485 | 2485 | 2485 | 25.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 2478 | 2487 | 2479 | | | | |
| 20 | QPSK | 50 | 99 | 2485 | 2485 | 2484 | | | | |
| 20 | HQAM | 1 | 0 | 2485 | 2501 | 2494 | | | | |
| 20 | HQAM | 1 | 49 | 2486 | 2486 | 2486 | 25.7 | 0 | | |
| 20 | HQAM | 1 | 99 | 2486 | 2486 | 2486 | | | | |
| 20 | HQAM | 1 | 149 | 2486 | 2486 | 2486 | | | | |
| 20 | HQAM | 50 | 0 | 2379 | 2389 | 2381 | | | | |
| 20 | HQAM | 50 | 24 | 2382 | 2382 | 2382 | 24.7 | 1 | | |
| 20 | HQAM | 50 | 50 | 2378 | 2374 | 2379 | | | | |
| 20 | HQAM | 100 | 0 | 2384 | 2391 | 2389 | | | | |
| 20 | HQAM | 1 | 49 | 2390 | 2394 | 2394 | 24.7 | 1 | | |
| 20 | HQAM | 1 | 99 | 2384 | 2391 | 2389 | | | | |
| 20 | HQAM | 50 | 24 | 2285 | 2289 | 2286 | 23.7 | 2 | | |
| 20 | HQAM | 50 | 50 | 2283 | 2284 | 2282 | | | | |
| 20 | HQAM | 100 | 0 | 2278 | 2286 | 2282 | | | | |
| 20 | ZSSB-AM | 1 | 0 | 1932 | 1937 | 1934 | | | | |
| 20 | ZSSB-AM | 1 | 49 | 1931 | 1936 | 1935 | 20.7 | 5 | | |
| 20 | ZSSB-AM | 1 | 99 | 1930 | 1935 | 1934 | | | | |
| 20 | ZSSB-AM | 50 | 0 | 1979 | 1980 | 1986 | | | | |
| 20 | ZSSB-AM | 50 | 24 | 1982 | 1981 | 1981 | 20.7 | 5 | | |
| 20 | ZSSB-AM | 50 | 50 | 1973 | 1971 | 1971 | | | | |
| 20 | ZSSB-AM | 100 | 0 | 1982 | 1984 | 1980 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 2489 | 2487 | 2486 | | | | |
| 15 | QPSK | 1 | 49 | 2487 | 2487 | 2487 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 99 | 2487 | 2487 | 2487 | | | | |
| 15 | QPSK | 1 | 149 | 2487 | 2487 | 2487 | | | | |
| 15 | QPSK | 50 | 24 | 2483 | 2479 | 2469 | 25.7 | 0 | | |
| 15 | QPSK | 50 | 50 | 2474 | 2466 | 2473 | | | | |
| 15 | HQAM | 1 | 0 | 2472 | 2483 | 2468 | | | | |
| 15 | HQAM | 1 | 49 | 2474 | 2466 | 2473 | 25.7 | 0 | | |
| 15 | HQAM | 1 | 99 | 2472 | 2472 | 2472 | | | | |
| 15 | HQAM | 1 | 149 | 2472 | 2472 | 2472 | | | | |
| 15 | HQAM | 50 | 0 | 2372 | 2378 | 2376 | | | | |
| 15 | HQAM | 50 | 24 | 2373 | 2378 | 2376 | 24.7 | 1 | | |
| 15 | HQAM | 50 | 50 | 2373 | 2378 | 2372 | | | | |
| 15 | HQAM | 100 | 0 | 2367 | 2378 | 2375 | | | | |
| 15 | HQAM | 1 | 49 | 2368 | 2368 | 2368 | 24.7 | 1 | | |
| 15 | HQAM | 1 | 99 | 2368 | 2368 | 2368 | | | | |
| 15 | HQAM | 1 | 149 | 2368 | 2368 | 2368 | | | | |
| 15 | HQAM | 50 | 0 | 2283 | 2282 | 2274 | | | | |
| 15 | HQAM | 50 | 24 | 2281 | 2281 | 2281 | 23.7 | 2 | | |
| 15 | HQAM | 50 | 50 | 2279 | 2277 | 2278 | | | | |
| 15 | HQAM | 100 | 0 | 2284 | 2283 | 2281 | | | | |
| 15 | ZSSB-AM | 1 | 0 | 1972 | 1972 | 1972 | | | | |
| 15 | ZSSB-AM | 1 | 49 | 1972 | 1972 | 1972 | 20.7 | 5 | | |
| 15 | ZSSB-AM | 1 | 99 | 1972 | 1972 | 1972 | | | | |
| 15 | ZSSB-AM | 50 | 0 | 1979 | 1980 | 1986 | | | | |
| 15 | ZSSB-AM | 50 | 24 | 1979 | 1979 | 1979 | 20.7 | 5 | | |
| 15 | ZSSB-AM | 50 | 50 | 1973 | 1971 | 1971 | | | | |
| 15 | ZSSB-AM | 100 | 0 | 1982 | 1981 | 1980 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 2483 | 2483 | 2483 | | | | |
| 10 | QPSK | 1 | 25 | 2484 | 2483 | 2482 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 50 | 2483 | 2483 | 2483 | | | | |
| 10 | QPSK | 1 | 74 | 2483 | 2479 | 2469 | | | | |
| 10 | QPSK | 50 | 24 | 2478 | 2466 | 2477 | 25.7 | 0 | | |
| 10 | QPSK | 50 | 50 | 2473 | 2468 | 2473 | | | | |
| 10 | QPSK | 100 | 0 | 2465 | 2466 | 2477 | | | | |
| 10 | HQAM | 1 | 0 | 2486 | 2486 | 2486 | 25.7 | 0 | | |
| 10 | HQAM | 1 | 49 | 2478 | 2486 | 2486 | | | | |
| 10 | HQAM | 1 | 99 | 2478 | 2486 | 2486 | | | | |
| 10 | HQAM | 1 | 149 | 2478 | 2486 | 2486 | | | | |
| 10 | HQAM | 50 | 0 | 2372 | 2377 | 2383 | | | | |
| 10 | HQAM | 50 | 24 | 2372 | 2377 | 2383 | 24.7 | 1 | | |
| 10 | HQAM | 50 | 50 | 2372 | 2377 | 2376 | | | | |
| 10 | HQAM | 100 | 0 | 2362 | 2368 | 2375 | | | | |
| 10 | HQAM | 1 | 49 | 2362 | 2368 | 2368 | 24.7 | 1 | | |
| 10 | HQAM | 1 | 99 | 2362 | 2368 | 2368 | | | | |
| 10 | HQAM | 1 | 149 | 2362 | 2368 | 2368 | | | | |
| 10 | HQAM | 50 | 0 | 2275 | 2287 | 2288 | | | | |
| 10 | HQAM | 50 | 24 | 2275 | 2287 | 2288 | 23.7 | 2 | | |
| 10 | HQAM | 50 | 50 | 2275 | 2287 | 2288 | | | | |
| 10 | HQAM | 100 | 0 | 2282 | 2282 | 2280 | | | | |
| 10 | ZSSB-AM | 1 | 0 | 1987 | 1987 | 1987 | | | | |
| 10 | ZSSB-AM | 1 | 49 | 1987 | 1987 | 1987 | 20.7 | 5 | | |
| 10 | ZSSB-AM | 1 | 99 | 1987 | 1987 | 1987 | | | | |
| 10 | ZSSB-AM | 50 | 0 | 1979 | 1980 | 1986 | | | | |
| 10 | ZSSB-AM | 50 | 24 | 1979 | 1979 | 1979 | 20.7 | 5 | | |
| 10 | ZSSB-AM | 50 | 50 | 1973 | 1971 | 1971 | | | | |
| 10 | ZSSB-AM | 100 | 0 | 1982 | 1981 | 1980 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 1892 | 1892 | 1915 | | | | |
| 5 | QPSK | 1 | 12 | 2485 | 2483 | 2486 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 2473 | 2469 | 2467 | | | | |
| 5 | QPSK | 1 | 36 | 2485 | 2481 | 2481 | | | | |
| 5 | QPSK | 12 | 7 | 2483 | 2488 | 2485 | | | | |
| 5 | QPSK | 12 | 19 | 2470 | 2486 | 2479 | 25.7 | 0 | | |
| 5 | QPSK | 12 | 31 | 2486 | 2481 | 2479 | | | | |
| 5 | HQAM | 1 | 0 | 2482 | 2482 | 2479 | | | | |
| 5 | HQAM | 1 | 12 | 2487 | 2486 | 2486 | 25.7 | 0 | | |
| 5 | HQAM | 1 | 24 | 2487 | 2486 | 2486 | | | | |
| 5 | HQAM | 1 | 36 | 2487 | 2486 | 2486 | | | | |
| 5 | HQAM | 12 | 0 | 2371 | 2372 | 2368 | | | | |
| 5 | HQAM | 12 | 12 | 2368 | 2368 | 2368 | 24.7 | 1 | | |
| 5 | HQAM | 12 | 24 | 2365 | 2366 | 2369 | | | | |
| 5 | HQAM | 12 | 36 | 2378 | 2378 | 2383 | | | | |
| 5 | HQAM | 12 | 48 | 2388 | 2387 | 2387 | 24.7 | 1 | | |
| 5 | HQAM | 12 | 60 | 2378 | 2378 | 2383 | | | | |
| 5 | HQAM | 12 | 72 | 2389 | 2378 | 2381 | | | | |
| 5 | HQAM | 12 | 84 | 2379 | 2383 | 2383 | | | | |
| 5 | HQAM | 12 | 96 | 2372 | 2377 | 2375 | 23.7 | 2 | | |
| 5 | HQAM | 12 | 108 | 2372 | 2377 | 2375 | | | | |
| 5 | HQAM | 12 | 120 | 2372 | 2377 | 2375 | | | | |
| 5 | ZSSB-AM | 1 | 0 | 1988 | 1988 | 1982 | | | | |
| 5 | ZSSB-AM | 1 | 12 | 1987 | 1988 | 1982 | 20.7 | 5 | | |
| 5 | ZSSB-AM | 1 | 24 | 1987 | 1988 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 0 | 1988 | 1982 | 1975 | | | | |
| 5 | ZSSB-AM | 12 | 12 | 1973 | 1982 | 1982 | 20.7 | 5 | | |
| 5 | ZSSB-AM | 12 | 24 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 36 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 48 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 60 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 72 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 84 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 96 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 108 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 12 | 120 | 1975 | 1982 | 1982 | | | | |
| 5 | ZSSB-AM | 15 | 0 | 1987 | 1989 | 1989 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 2484 | 2491 | 2479 | | | | |
| 3 | QPSK | 1 | 14 | 2479 | 2479 | 2479 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 28 | 2479 | 2486 | 2486 | | | | |
| 3 | QPSK | 1 | 42 | 2486 | 2486 | 2486 | | | | |
| 3 | QPSK | 1 | 56 | 2486 | 2486 | 2486 | | | | |
| 3 | QPSK | 1 | 70 | 2478 | 2484 | 2481 | 25.7 | 0 | | |
| 3 | QPSK | 1 | 84 | 2487 | 2486 | 2486 | | | | |
| 3 | HQAM | 1 | 0 | 2481 | 2485 | 2482 | | | | |
| 3 | HQAM | 1 | 14 | 2477 | 2478 | 2488 | 25.7 | 0 | | |
| 3 | HQAM | 1 | 28 | 2482 | 2484 | 2484 | | | | |
| 3 | HQAM | 1 | 42 | 2482 | 2484 | 2484 | | | | |
| 3 | HQAM | 1 | 56 | 2482 | 2484 | 2484 | | | | |
| 3 | HQAM | 1 | 70 | 2478 | 2484 | 2484 | | | | |
| 3 | HQAM | 1 | 84 | 2482 | 2484 | 2484 | | | | |
| 3 | HQAM | 1 | 98 | 2482 | 2484 | 2484 | | | | |
| 3 | HQAM | 15 | 0 | 2378 | 2380 | 2389 | 24.7 | 1 | | |
| 3 | HQAM | 15 | 15 | 2378 | 2380 | 2389 | | | | |
| 3 | HQAM | 15 | 30 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 45 | 2386 | 2386 | 2386 | 24.7 | 1 | | |
| 3 | HQAM | 15 | 60 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 75 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 90 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 105 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 120 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 135 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 150 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 165 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 180 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 195 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 210 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 225 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 240 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 255 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 270 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 285 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | 15 | 300 | 2381 | 2384 | 2384 | | | | |
| 3 | HQAM | | | | | | | | | |



| Band 38 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 25.13 | 25.19 | 25.15 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 25.06 | 25.18 | 25.07 | | | | |
| 20 | QPSK | 1 | 99 | 24.93 | 25.05 | 24.98 | | | | |
| 20 | QPSK | 50 | 0 | 24.08 | 24.14 | 24.06 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 23.97 | 24.06 | 23.94 | | | | |
| 20 | QPSK | 50 | 50 | 23.89 | 24.02 | 23.87 | | | | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.96 | 23.82 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.03 | 24.05 | 24.02 | | | | |
| 20 | 16QAM | 1 | 49 | 23.85 | 23.96 | 23.89 | | | | |
| 20 | 16QAM | 1 | 99 | 23.90 | 23.98 | 23.93 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 23.07 | 23.18 | 23.10 | | | | |
| 20 | 16QAM | 50 | 24 | 22.93 | 23.05 | 22.90 | | | | |
| 20 | 16QAM | 50 | 50 | 23.03 | 23.11 | 23.07 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.04 | 23.16 | 23.02 | | | | |
| 20 | 64QAM | 1 | 0 | 23.23 | 23.25 | 23.22 | | | | |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.22 | 23.16 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 23.04 | 23.20 | 23.14 | | | | |
| 20 | 64QAM | 50 | 0 | 22.02 | 22.17 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 22.01 | 22.02 | 21.97 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.08 | 22.14 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 21.99 | 22.10 | 21.93 | | | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.10 | 19.92 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 19.98 | 19.92 | | | | |
| 20 | 256QAM | 1 | 99 | 19.82 | 19.97 | 19.88 | | | | |
| 20 | 256QAM | 50 | 0 | 20.08 | 20.22 | 20.08 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 19.97 | 20.07 | 19.92 | | | | |
| 20 | 256QAM | 50 | 50 | 20.02 | 20.04 | 19.90 | | | | |
| 20 | 256QAM | 100 | 0 | 20.08 | 20.15 | 20.10 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.09 | 25.12 | 25.07 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.97 | 25.09 | 24.93 | | | | |
| 15 | QPSK | 1 | 74 | 24.90 | 24.94 | 24.88 | | | | |
| 15 | QPSK | 36 | 0 | 24.03 | 23.99 | 24.02 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 20 | 23.90 | 23.95 | 23.89 | | | | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.98 | 23.72 | | | | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.93 | 23.71 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 23.97 | 23.94 | 23.98 | | | | |
| 15 | 16QAM | 1 | 37 | 23.82 | 23.91 | 23.81 | | | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.91 | 23.87 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 0 | 22.93 | 23.04 | 22.97 | | | | |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.99 | 22.76 | | | | |
| 15 | 16QAM | 36 | 39 | 22.90 | 22.97 | 22.96 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.12 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 23.13 | 23.14 | 23.08 | | | | |
| 15 | 64QAM | 1 | 37 | 23.03 | 23.14 | 23.13 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 23.11 | 23.11 | | | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 22.03 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.92 | 21.86 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.95 | 22.06 | 22.05 | | | | |
| 15 | 64QAM | 75 | 0 | 21.91 | 22.00 | 21.85 | | | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.03 | 19.82 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.86 | 19.85 | | | | |
| 15 | 256QAM | 1 | 74 | 19.68 | 19.93 | 19.76 | | | | |
| 15 | 256QAM | 36 | 0 | 19.96 | 20.17 | 19.98 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.02 | 19.90 | | | | |
| 15 | 256QAM | 36 | 39 | 19.94 | 19.98 | 19.81 | | | | |
| 15 | 256QAM | 75 | 0 | 19.96 | 20.11 | 20.03 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.10 | 25.03 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.97 | 25.06 | 24.97 | | | | |
| 10 | QPSK | 1 | 49 | 24.84 | 24.99 | 24.90 | | | | |
| 10 | QPSK | 25 | 0 | 23.99 | 24.04 | 23.91 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 12 | 23.92 | 23.97 | 23.87 | | | | |
| 10 | QPSK | 25 | 25 | 23.79 | 23.93 | 23.79 | | | | |
| 10 | QPSK | 50 | 0 | 23.77 | 23.90 | 23.68 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.96 | | | | |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.90 | 23.80 | | | | |
| 10 | 16QAM | 1 | 49 | 23.75 | 23.84 | 23.78 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.11 | 23.07 | | | | |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.96 | 22.77 | | | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.01 | 23.04 | 23.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.03 | 22.88 | | | | |
| 10 | 64QAM | 1 | 0 | 23.10 | 23.18 | 23.08 | | | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.14 | 23.03 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 49 | 22.96 | 23.09 | 23.05 | | | | |
| 10 | 64QAM | 25 | 0 | 21.98 | 22.08 | 21.99 | | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.92 | 21.87 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 22.03 | 22.02 | 22.00 | | | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.99 | 21.78 | | | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.92 | 19.87 | | | | |
| 10 | 256QAM | 1 | 49 | 19.71 | 19.90 | 19.84 | | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.09 | 19.98 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.90 | 20.00 | 19.88 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.89 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.10 | 20.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.07 | 25.14 | 25.03 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.97 | 25.10 | 25.03 | | | | |
| 5 | QPSK | 1 | 24 | 24.84 | 24.98 | 24.83 | | | | |
| 5 | QPSK | 12 | 0 | 24.02 | 24.10 | 23.92 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 7 | 23.91 | 24.03 | 23.84 | | | | |
| 5 | QPSK | 12 | 13 | 23.75 | 23.90 | 23.79 | | | | |
| 5 | QPSK | 25 | 0 | 23.69 | 23.89 | 23.73 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 23.94 | 24.00 | 23.93 | | | | |
| 5 | 16QAM | 1 | 12 | 23.76 | 23.85 | 23.77 | | | | |
| 5 | 16QAM | 1 | 24 | 23.76 | 23.93 | 23.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.06 | 22.98 | | | | |
| 5 | 16QAM | 12 | 7 | 22.89 | 22.99 | 22.79 | | | | |
| 5 | 16QAM | 12 | 13 | 22.88 | 23.04 | 22.93 | 23.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.93 | 23.04 | 22.93 | | | | |
| 5 | 64QAM | 1 | 0 | 23.09 | 23.20 | 23.10 | | | | |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.12 | 23.02 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 24 | 22.93 | 23.08 | 23.01 | | | | |
| 5 | 64QAM | 12 | 0 | 21.88 | 22.04 | 21.95 | | | | |
| 5 | 64QAM | 12 | 7 | 21.88 | 21.99 | 21.84 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.95 | 21.99 | 21.97 | | | | |
| 5 | 64QAM | 25 | 0 | 21.88 | 22.07 | 21.89 | | | | |
| 5 | 256QAM | 1 | 0 | 19.91 | 19.99 | 19.79 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.76 | 19.85 | 19.87 | | | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 20.10 | 20.03 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.00 | 19.89 | | | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 19.96 | 19.81 | | | | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.07 | 20.06 | | | | |

| Band 41 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 25.05 | 25.11 | 25.23 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 24.95 | 24.92 | 25.09 | | | | |
| 20 | QPSK | 1 | 99 | 24.97 | 24.97 | 25.08 | | | | |
| 20 | QPSK | 50 | 0 | 23.99 | 24.12 | 24.14 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 24.07 | 23.99 | 24.11 | | | | |
| 20 | QPSK | 50 | 50 | 23.92 | 23.91 | 24.03 | | | | |
| 20 | QPSK | 100 | 0 | 24.01 | 23.98 | 24.06 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 24.06 | 24.07 | 24.16 | | | | |
| 20 | 16QAM | 1 | 49 | 24.08 | 24.02 | 24.17 | | | | |
| 20 | 16QAM | 1 | 99 | 23.96 | 23.92 | 24.03 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 23.08 | 23.13 | 23.13 | | | | |
| 20 | 16QAM | 50 | 24 | 22.98 | 22.91 | 23.00 | | | | |
| 20 | 16QAM | 50 | 50 | 22.91 | 23.01 | 23.11 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.11 | 23.00 | 23.08 | | | | |
| 20 | 64QAM | 1 | 0 | 23.04 | 23.07 | 23.16 | | | | |
| 20 | 64QAM | 1 | 49 | 22.97 | | | | | | |



Reduced Power Mode for WWAN for DSI 4_Main PA

| Band 4 Ant3 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|------------------------------|-----------------------------|-----------------------------|---------------------------|-------------|---|--|
| RF (MHz) | Modulation | RF Size | RF Offset | Power Level Ch./F.Freq | Power Hgt. Ch./F.Freq | Power Hgt. Ch./F.Freq | Time-up limit (min) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.96 | 23.97 | 24.00 | | | | |
| 20 | QPSK | 1 | 49 | 23.78 | 23.80 | 24.03 | | 24.7 | 0 | |
| 20 | QPSK | 1 | 99 | 24.05 | 24.05 | 24.05 | | | | |
| 20 | QPSK | 50 | 0 | 24.00 | 24.00 | 24.00 | | | | |
| 20 | QPSK | 50 | 24 | 24.06 | 24.00 | 24.01 | | | | |
| 20 | QPSK | 50 | 50 | 24.01 | 24.04 | 24.03 | | 24.7 | 0 | |
| 20 | QPSK | 100 | 0 | 23.85 | 23.90 | 23.91 | | | | |
| 20 | QPSK | 100 | 49 | 24.06 | 24.03 | 23.78 | | 24.7 | 0 | |
| 20 | 16QAM | 1 | 99 | 23.94 | 23.93 | 23.94 | | | | |
| 20 | 16QAM | 1 | 49 | 23.91 | 24.00 | 23.89 | | | | |
| 20 | 16QAM | 50 | 0 | 23.84 | 23.86 | 23.87 | | | | |
| 20 | 16QAM | 50 | 24 | 22.72 | 22.74 | 22.88 | | 23.7 | 1 | |
| 20 | 16QAM | 50 | 50 | 22.79 | 22.83 | 22.78 | | | | |
| 20 | 16QAM | 100 | 0 | 22.96 | 22.94 | 22.94 | | | | |
| 20 | 16QAM | 100 | 49 | 22.98 | 23.24 | 23.12 | | 23.7 | 1 | |
| 20 | 16QAM | 100 | 99 | 23.04 | 23.10 | 23.04 | | | | |
| 20 | 16QAM | 50 | 0 | 21.76 | 21.95 | 21.85 | | | | |
| 20 | 16QAM | 50 | 24 | 21.81 | 21.84 | 21.81 | | 22.7 | 2 | |
| 20 | 16QAM | 50 | 50 | 18.94 | 18.90 | 18.90 | | | | |
| 20 | 16QAM | 100 | 0 | 22.06 | 22.16 | 21.97 | | | | |
| 20 | 256QAM | 1 | 0 | 18.94 | 18.90 | 18.90 | | 19.7 | 5 | |
| 20 | 256QAM | 1 | 49 | 18.84 | 18.94 | 18.88 | | | | |
| 20 | 256QAM | 1 | 99 | 18.96 | 18.90 | 18.90 | | | | |
| 20 | 256QAM | 50 | 0 | 18.85 | 18.86 | 18.94 | | | | |
| 20 | 256QAM | 50 | 24 | 18.90 | 18.85 | 18.85 | | 19.7 | 5 | |
| 20 | 256QAM | 50 | 50 | 18.89 | 18.80 | 18.74 | | | | |
| 20 | 256QAM | 100 | 0 | 19.08 | 19.03 | 19.04 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.05 | 23.01 | 23.79 | | | | |
| 15 | QPSK | 1 | 39 | 23.07 | 23.04 | 23.81 | | 24.7 | 0 | |
| 15 | QPSK | 1 | 74 | 23.07 | 23.04 | 23.81 | | | | |
| 15 | QPSK | 36 | 0 | 23.70 | 23.92 | 23.78 | | | | |
| 15 | QPSK | 36 | 39 | 23.84 | 23.86 | 23.84 | | 24.7 | 0 | |
| 15 | QPSK | 75 | 0 | 23.72 | 23.95 | 23.74 | | | | |
| 15 | 16QAM | 1 | 49 | 23.72 | 23.72 | 23.64 | | | | |
| 15 | 16QAM | 1 | 37 | 23.66 | 23.90 | 23.80 | | 24.7 | 0 | |
| 15 | 16QAM | 1 | 74 | 23.68 | 23.72 | 23.63 | | | | |
| 15 | 16QAM | 36 | 0 | 22.92 | 22.97 | 22.86 | | 23.7 | 1 | |
| 15 | 16QAM | 36 | 39 | 22.96 | 22.93 | 22.98 | | | | |
| 15 | 16QAM | 75 | 0 | 22.99 | 22.97 | 22.80 | | | | |
| 15 | 16QAM | 1 | 37 | 22.81 | 22.78 | 22.77 | | 23.7 | 1 | |
| 15 | 16QAM | 1 | 74 | 22.76 | 22.76 | 22.81 | | | | |
| 15 | 16QAM | 36 | 0 | 21.62 | 21.92 | 21.70 | | | | |
| 15 | 16QAM | 36 | 20 | 21.51 | 21.68 | 21.60 | | 22.7 | 2 | |
| 15 | 16QAM | 75 | 0 | 21.67 | 21.67 | 21.67 | | | | |
| 15 | 16QAM | 75 | 0 | 21.69 | 21.61 | 21.62 | | | | |
| 15 | 256QAM | 1 | 0 | 18.92 | 18.95 | 18.79 | | 19.7 | 5 | |
| 15 | 256QAM | 1 | 39 | 18.96 | 18.97 | 18.88 | | | | |
| 15 | 256QAM | 1 | 74 | 18.81 | 18.87 | 18.77 | | | | |
| 15 | 256QAM | 36 | 0 | 18.64 | 18.69 | 18.61 | | | | |
| 15 | 256QAM | 36 | 39 | 18.68 | 18.71 | 18.64 | | 19.7 | 5 | |
| 15 | 256QAM | 75 | 0 | 18.60 | 18.73 | 18.66 | | | | |
| 15 | 256QAM | 75 | 0 | 18.70 | 18.83 | 18.71 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.46 | 23.41 | 23.89 | | | | |
| 10 | QPSK | 1 | 39 | 23.47 | 23.44 | 23.86 | | 24.7 | 0 | |
| 10 | QPSK | 1 | 49 | 23.80 | 23.74 | 23.89 | | | | |
| 10 | QPSK | 25 | 0 | 23.74 | 23.98 | 23.68 | | | | |
| 10 | QPSK | 25 | 39 | 23.76 | 23.92 | 23.67 | | 24.7 | 0 | |
| 10 | QPSK | 25 | 24 | 23.82 | 23.93 | 23.72 | | | | |
| 10 | QPSK | 50 | 0 | 23.68 | 23.93 | 23.76 | | | | |
| 10 | 16QAM | 1 | 24 | 23.75 | 23.75 | 23.75 | | | | |
| 10 | 16QAM | 1 | 24 | 23.68 | 23.76 | 23.70 | | 24.7 | 0 | |
| 10 | 16QAM | 1 | 49 | 23.52 | 23.75 | 23.70 | | | | |
| 10 | 16QAM | 25 | 0 | 22.96 | 22.96 | 22.89 | | 23.7 | 1 | |
| 10 | 16QAM | 25 | 12 | 22.99 | 22.96 | 22.84 | | | | |
| 10 | 16QAM | 25 | 25 | 22.65 | 22.60 | 22.49 | | | | |
| 10 | 16QAM | 50 | 0 | 22.86 | 22.84 | 22.77 | | | | |
| 10 | 16QAM | 1 | 25 | 22.83 | 22.92 | 22.89 | | 23.7 | 1 | |
| 10 | 16QAM | 1 | 49 | 22.81 | 22.78 | 22.78 | | | | |
| 10 | 16QAM | 1 | 49 | 22.72 | 22.97 | 22.86 | | | | |
| 10 | 16QAM | 25 | 0 | 21.85 | 21.89 | 21.82 | | | | |
| 10 | 16QAM | 25 | 12 | 21.56 | 21.59 | 21.52 | | 22.7 | 2 | |
| 10 | 16QAM | 25 | 25 | 21.69 | 21.65 | 21.62 | | | | |
| 10 | 16QAM | 50 | 0 | 21.66 | 21.85 | 21.87 | | | | |
| 10 | 256QAM | 1 | 0 | 18.80 | 18.81 | 18.87 | | 19.7 | 5 | |
| 10 | 256QAM | 1 | 39 | 18.74 | 18.81 | 18.86 | | | | |
| 10 | 256QAM | 1 | 49 | 18.74 | 18.97 | 18.68 | | | | |
| 10 | 256QAM | 25 | 0 | 18.75 | 18.71 | 18.68 | | | | |
| 10 | 256QAM | 25 | 12 | 18.65 | 18.71 | 18.67 | | 19.7 | 5 | |
| 10 | 256QAM | 25 | 25 | 18.48 | 18.57 | 18.51 | | | | |
| 10 | 256QAM | 50 | 0 | 18.74 | 18.92 | 18.65 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.77 | 23.88 | 23.83 | | | | |
| 5 | QPSK | 1 | 12 | 23.60 | 23.67 | 23.68 | | 24.7 | 0 | |
| 5 | QPSK | 1 | 24 | 23.83 | 23.89 | 23.84 | | | | |
| 5 | QPSK | 12 | 0 | 23.68 | 23.86 | 23.71 | | | | |
| 5 | QPSK | 12 | 7 | 23.65 | 23.87 | 23.74 | | 24.7 | 0 | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.85 | 23.83 | | | | |
| 5 | QPSK | 25 | 0 | 23.60 | 23.80 | 23.79 | | | | |
| 5 | 16QAM | 1 | 0 | 23.76 | 23.79 | 23.70 | | | | |
| 5 | 16QAM | 1 | 12 | 23.74 | 23.81 | 23.63 | | 24.7 | 0 | |
| 5 | 16QAM | 1 | 24 | 23.67 | 23.69 | 23.63 | | | | |
| 5 | 16QAM | 12 | 0 | 22.90 | 22.91 | 22.90 | | | | |
| 5 | 16QAM | 12 | 7 | 22.65 | 22.65 | 22.44 | | 23.7 | 1 | |
| 5 | 16QAM | 12 | 13 | 22.48 | 22.60 | 22.44 | | | | |
| 5 | 16QAM | 25 | 0 | 22.87 | 22.95 | 22.80 | | | | |
| 5 | 16QAM | 1 | 0 | 22.98 | 22.81 | 22.80 | | 23.7 | 1 | |
| 5 | 16QAM | 1 | 12 | 22.80 | 22.87 | 22.86 | | | | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.91 | 22.86 | | | | |
| 5 | 16QAM | 12 | 0 | 21.71 | 21.85 | 21.72 | | | | |
| 5 | 16QAM | 12 | 7 | 21.68 | 21.68 | 21.68 | | 22.7 | 2 | |
| 5 | 16QAM | 12 | 13 | 21.74 | 21.53 | 21.56 | | | | |
| 5 | 16QAM | 25 | 0 | 21.74 | 22.03 | 21.88 | | | | |
| 5 | 256QAM | 1 | 0 | 18.63 | 18.74 | 18.65 | | 19.7 | 5 | |
| 5 | 256QAM | 1 | 12 | 18.63 | 18.74 | 18.65 | | | | |
| 5 | 256QAM | 1 | 24 | 18.87 | 18.83 | 18.74 | | | | |
| 5 | 256QAM | 12 | 0 | 18.71 | 18.80 | 18.68 | | | | |
| 5 | 256QAM | 12 | 7 | 18.58 | 18.55 | 18.51 | | 19.7 | 5 | |
| 5 | 256QAM | 12 | 13 | 18.68 | 18.59 | 18.72 | | | | |
| 5 | 256QAM | 25 | 0 | 18.74 | 18.83 | 18.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.65 | 23.99 | 23.75 | | | | |
| 3 | QPSK | 1 | 3 | 23.74 | 23.93 | 23.68 | | 24.7 | 0 | |
| 3 | QPSK | 1 | 14 | 23.75 | 23.80 | 23.83 | | | | |
| 3 | QPSK | 8 | 0 | 23.69 | 23.96 | 23.62 | | | | |
| 3 | QPSK | 8 | 7 | 23.67 | 23.92 | 23.65 | | 24.7 | 0 | |
| 3 | QPSK | 8 | 7 | 23.78 | 23.93 | 23.71 | | | | |
| 3 | QPSK | 15 | 0 | 23.75 | 23.93 | 23.61 | | | | |
| 3 | 16QAM | 1 | 0 | 23.63 | 23.93 | 23.67 | | | | |
| 3 | 16QAM | 1 | 8 | 23.77 | 23.71 | 23.54 | | 24.7 | 0 | |
| 3 | 16QAM | 8 | 0 | 23.66 | 23.93 | 23.67 | | | | |
| 3 | 16QAM | 8 | 14 | 22.54 | 22.68 | 22.64 | | | | |
| 3 | 16QAM | 8 | 4 | 22.58 | 22.64 | 22.50 | | 23.7 | 1 | |
| 3 | 16QAM | 15 | 0 | 22.70 | 22.97 | 22.80 | | | | |
| 3 | 16QAM | 15 | 0 | 22.69 | 22.68 | 22.64 | | | | |
| 3 | 16QAM | 1 | 0 | 23.03 | 22.86 | 22.83 | | 23.7 | 1 | |
| 3 | 16QAM | 1 | 8 | 22.70 | 22.91 | 22.84 | | | | |
| 3 | 16QAM | 1 | 14 | 22.69 | 22.90 | 22.89 | | | | |
| 3 | 16QAM | 8 | 0 | 21.54 | 21.77 | 21.68 | </ | | | |



| Band 38 Ant3 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 23.98 | 24.17 | 23.88 | 24.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 23.79 | 23.90 | 23.90 | | | | |
| 20 | QPSK | 1 | 99 | 23.79 | 23.84 | 23.89 | | | | |
| 20 | QPSK | 50 | 0 | 22.92 | 23.12 | 23.06 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 22.99 | 23.09 | 22.88 | | | | |
| 20 | QPSK | 50 | 50 | 22.95 | 22.97 | 22.80 | | | | |
| 20 | QPSK | 100 | 0 | 22.87 | 23.04 | 22.99 | 23.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 22.91 | 23.00 | 23.01 | | | | |
| 20 | 16QAM | 1 | 49 | 22.77 | 22.88 | 22.94 | | | | |
| 20 | 16QAM | 1 | 99 | 22.92 | 23.02 | 22.76 | 22.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 22.10 | 22.10 | 21.86 | | | | |
| 20 | 16QAM | 50 | 24 | 21.85 | 21.95 | 21.92 | | | | |
| 20 | 16QAM | 50 | 50 | 22.00 | 22.10 | 21.93 | 22.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 21.94 | 22.11 | 21.97 | | | | |
| 20 | 64QAM | 1 | 0 | 22.02 | 22.14 | 22.09 | | | | |
| 20 | 64QAM | 1 | 49 | 21.97 | 22.10 | 21.91 | 21.7 | 3 | | |
| 20 | 64QAM | 1 | 99 | 22.00 | 21.90 | 21.95 | | | | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.04 | 20.91 | | | | |
| 20 | 64QAM | 50 | 24 | 20.91 | 20.79 | 20.80 | 21.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 20.85 | 20.97 | 21.05 | | | | |
| 20 | 64QAM | 100 | 0 | 21.05 | 21.13 | 21.04 | | | | |
| 20 | 256QAM | 1 | 0 | 18.93 | 19.03 | 19.10 | 19.7 | 5 | | |
| 20 | 256QAM | 1 | 49 | 18.86 | 18.91 | 18.73 | | | | |
| 20 | 256QAM | 1 | 99 | 19.00 | 19.13 | 18.94 | | | | |
| 20 | 256QAM | 50 | 0 | 18.99 | 19.05 | 18.95 | 19.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 18.87 | 18.98 | 18.90 | | | | |
| 20 | 256QAM | 50 | 50 | 18.88 | 18.85 | 18.92 | | | | |
| 20 | 256QAM | 100 | 0 | 18.99 | 19.11 | 19.17 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 23.87 | 23.78 | 23.78 | 24.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 23.74 | 23.73 | 23.64 | | | | |
| 15 | QPSK | 1 | 74 | 23.67 | 23.65 | 23.72 | | | | |
| 15 | QPSK | 36 | 0 | 22.91 | 22.91 | 22.81 | 23.7 | 1 | | |
| 15 | QPSK | 36 | 20 | 22.72 | 22.81 | 22.91 | | | | |
| 15 | QPSK | 36 | 39 | 22.76 | 22.91 | 22.71 | | | | |
| 15 | QPSK | 75 | 0 | 22.89 | 22.97 | 22.72 | 23.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 22.66 | 22.82 | 22.77 | | | | |
| 15 | 16QAM | 1 | 37 | 22.62 | 22.77 | 22.70 | | | | |
| 15 | 16QAM | 1 | 74 | 22.76 | 22.70 | 22.68 | 22.7 | 2 | | |
| 15 | 16QAM | 36 | 0 | 21.93 | 21.81 | 21.67 | | | | |
| 15 | 16QAM | 36 | 20 | 21.72 | 21.79 | 21.71 | | | | |
| 15 | 16QAM | 36 | 39 | 21.83 | 21.94 | 21.67 | 22.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 21.66 | 21.92 | 21.71 | | | | |
| 15 | 64QAM | 1 | 0 | 21.83 | 21.86 | 21.94 | | | | |
| 15 | 64QAM | 1 | 37 | 21.62 | 21.70 | 21.70 | 21.7 | 3 | | |
| 15 | 64QAM | 1 | 74 | 21.79 | 21.72 | 21.63 | | | | |
| 15 | 64QAM | 36 | 0 | 20.73 | 20.74 | 20.73 | | | | |
| 15 | 64QAM | 36 | 20 | 20.61 | 20.68 | 20.80 | 21.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 20.81 | 20.80 | 20.81 | | | | |
| 15 | 64QAM | 75 | 0 | 20.94 | 20.88 | 20.87 | | | | |
| 15 | 256QAM | 1 | 0 | 18.86 | 18.87 | 18.71 | 19.7 | 5 | | |
| 15 | 256QAM | 1 | 37 | 18.52 | 18.75 | 18.70 | | | | |
| 15 | 256QAM | 1 | 74 | 18.83 | 18.85 | 18.85 | | | | |
| 15 | 256QAM | 36 | 0 | 18.82 | 18.67 | 18.94 | 19.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 18.70 | 18.79 | 18.85 | | | | |
| 15 | 256QAM | 36 | 39 | 18.83 | 18.76 | 18.76 | | | | |
| 15 | 256QAM | 75 | 0 | 18.85 | 19.08 | 18.83 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 23.82 | 23.87 | 23.83 | 24.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 23.67 | 23.71 | 23.73 | | | | |
| 10 | QPSK | 1 | 49 | 23.57 | 23.65 | 23.77 | | | | |
| 10 | QPSK | 25 | 0 | 22.75 | 22.88 | 22.93 | 23.7 | 1 | | |
| 10 | QPSK | 25 | 12 | 22.93 | 22.69 | 22.71 | | | | |
| 10 | QPSK | 25 | 25 | 22.74 | 22.90 | 22.64 | | | | |
| 10 | QPSK | 50 | 0 | 22.73 | 22.92 | 22.77 | 23.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 22.77 | 23.02 | 22.86 | | | | |
| 10 | 16QAM | 1 | 25 | 22.70 | 22.79 | 22.86 | | | | |
| 10 | 16QAM | 1 | 49 | 22.87 | 22.88 | 22.68 | 22.7 | 2 | | |
| 10 | 16QAM | 25 | 0 | 21.79 | 21.96 | 21.68 | | | | |
| 10 | 16QAM | 25 | 12 | 21.75 | 21.74 | 21.80 | | | | |
| 10 | 16QAM | 25 | 25 | 21.77 | 21.91 | 21.65 | 22.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 21.68 | 22.04 | 21.81 | | | | |
| 10 | 64QAM | 1 | 0 | 21.82 | 21.95 | 21.94 | | | | |
| 10 | 64QAM | 1 | 25 | 21.73 | 21.80 | 21.77 | 21.7 | 3 | | |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.69 | 21.78 | | | | |
| 10 | 64QAM | 25 | 0 | 20.73 | 20.81 | 20.68 | | | | |
| 10 | 64QAM | 25 | 12 | 20.64 | 20.69 | 20.78 | 19.7 | 5 | | |
| 10 | 64QAM | 25 | 25 | 20.75 | 20.73 | 20.96 | | | | |
| 10 | 64QAM | 50 | 0 | 20.97 | 20.89 | 20.77 | | | | |
| 10 | 256QAM | 1 | 0 | 18.79 | 18.88 | 18.94 | 19.7 | 5 | | |
| 10 | 256QAM | 1 | 25 | 18.56 | 18.77 | 18.61 | | | | |
| 10 | 256QAM | 1 | 49 | 18.80 | 18.91 | 18.80 | | | | |
| 10 | 256QAM | 25 | 0 | 18.60 | 18.71 | 18.83 | 19.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 18.78 | 18.72 | 18.70 | | | | |
| 10 | 256QAM | 25 | 25 | 18.85 | 18.76 | 18.76 | | | | |
| 10 | 256QAM | 50 | 0 | 18.84 | 18.97 | 18.87 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 23.77 | 23.91 | 23.72 | 24.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 23.66 | 23.65 | 23.66 | | | | |
| 5 | QPSK | 1 | 24 | 23.58 | 23.69 | 23.63 | | | | |
| 5 | QPSK | 12 | 0 | 22.79 | 22.80 | 22.90 | 23.7 | 1 | | |
| 5 | QPSK | 12 | 7 | 22.77 | 22.68 | 22.79 | | | | |
| 5 | QPSK | 12 | 13 | 22.77 | 22.93 | 22.61 | | | | |
| 5 | QPSK | 25 | 0 | 22.94 | 22.87 | 22.75 | 23.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 22.56 | 22.85 | 22.88 | | | | |
| 5 | 16QAM | 1 | 12 | 22.51 | 22.74 | 22.76 | | | | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.71 | 22.71 | 22.7 | 2 | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 21.90 | 21.72 | | | | |
| 5 | 16QAM | 12 | 7 | 21.61 | 21.69 | 21.60 | | | | |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.83 | 21.73 | 22.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.91 | 21.78 | | | | |
| 5 | 64QAM | 1 | 0 | 21.83 | 21.83 | 21.85 | | | | |
| 5 | 64QAM | 1 | 12 | 21.73 | 21.88 | 21.82 | 21.7 | 3 | | |
| 5 | 64QAM | 1 | 24 | 21.75 | 21.73 | 21.79 | | | | |
| 5 | 64QAM | 12 | 0 | 20.81 | 20.91 | 20.84 | | | | |
| 5 | 64QAM | 12 | 7 | 20.60 | 20.57 | 20.77 | 19.7 | 5 | | |
| 5 | 64QAM | 12 | 13 | 20.75 | 20.83 | 20.78 | | | | |
| 5 | 64QAM | 25 | 0 | 20.94 | 20.98 | 20.78 | | | | |
| 5 | 256QAM | 1 | 0 | 18.75 | 18.89 | 18.94 | 19.7 | 5 | | |
| 5 | 256QAM | 1 | 12 | 18.65 | 18.66 | 18.64 | | | | |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.92 | 18.83 | | | | |
| 5 | 256QAM | 12 | 0 | 18.72 | 18.86 | 18.87 | 19.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.69 | 18.81 | | | | |
| 5 | 256QAM | 12 | 13 | 18.93 | 18.67 | 18.76 | | | | |
| 5 | 256QAM | 25 | 0 | 18.88 | 18.97 | 18.86 | | | | |

| Band 41 Ant3 Default | | | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|--|--|
| 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 | 24.05 | 24.10 | 24.24 | 24.10 | 24.16 | 24.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 23.87 | 24.10 | 24.05 | 24.01 | 24.11 | | | | |
| 20 | QPSK | 1 | 99 | 24.06 | 23.95 | 24.10 | 24.05 | 24.08 | | | | |
| 20 | QPSK | 50 | 0 | 23.04 | 22.97 | 23.20 | 22.99 | 22.95 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 24 | 22.97 | 22.95 | 23.00 | 23.08 | 23.03 | | | | |
| 20 | QPSK | 50 | 50 | 23.11 | 22.88 | 23.07 | 23.08 | 22.92 | | | | |
| 20 | QPSK | 100 | 0 | 22.91 | 23.10 | 23.15 | 23.09 | 23.05 | 23.7 | 1 | | |
| 20 | 16QAM | 1 | 0 | 22.97 | 23.19 | 23.08 | 23.14 | 23.00 | | | | |
| 20 | 16QAM | 1 | 49 | 22.94 | 22.92 | 23.14 | 22.89 | 23.04 | | | | |
| 20 | 16QAM | 1 | 99 | 22.92 | 23.20 | 23.14 | 23.12 | 22.92 | 22.7 | 2 | | |
| 20 | 16QAM | 50 | 0 | 22.12 | 21.94 | 22.11 | 21.86 | 22.06 | | | | |
| 20 | 16QAM | 50 | 24 | 21.97 | 21.99 | 22.05 | 22.07 | 21.95 | | | | |
| 20 | 16QAM | 50 | 50 | 22 | | | | | | | | |



| Band 4 Ant4 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------|----------|------|---|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 24.18 | 24.23 | 24.11 | | | | |
| 20 | QPSK | 1 | 49 | 24.18 | 24.23 | 24.11 | | | 24.7 | 0 |
| 20 | QPSK | 1 | 99 | 24.18 | 24.08 | 24.35 | | | | |
| 20 | QPSK | 50 | 0 | 24.08 | 24.22 | 24.02 | | | | |
| 20 | QPSK | 50 | 24 | 24.08 | 24.08 | 24.02 | | | 24.7 | 0 |
| 20 | QPSK | 50 | 50 | 24.16 | 24.16 | 24.97 | | | | |
| 20 | QPSK | 100 | 0 | 24.07 | 24.15 | 24.07 | | | | |
| 20 | QPSK | 100 | 49 | 24.17 | 24.17 | 24.15 | | | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 24.02 | 24.04 | 24.93 | | | | |
| 20 | 16QAM | 1 | 99 | 23.87 | 23.90 | 23.85 | | | | |
| 20 | 16QAM | 50 | 0 | 22.99 | 23.13 | 22.92 | | | | |
| 20 | 16QAM | 50 | 24 | 22.95 | 23.10 | 22.93 | | | 23.7 | 1 |
| 20 | 16QAM | 100 | 0 | 22.85 | 22.93 | 22.85 | | | | |
| 20 | 16QAM | 100 | 49 | 22.91 | 22.93 | 22.93 | | | 23.7 | 1 |
| 20 | 16QAM | 1 | 49 | 23.02 | 23.20 | 23.00 | | | | |
| 20 | 16QAM | 50 | 0 | 21.85 | 22.14 | 21.96 | | | | |
| 20 | 16QAM | 50 | 24 | 21.98 | 22.02 | 21.91 | | | 22.7 | 2 |
| 20 | 16QAM | 100 | 0 | 22.17 | 22.23 | 22.00 | | | | |
| 20 | 16QAM | 100 | 49 | 22.18 | 22.19 | 22.18 | | | 19.7 | 5 |
| 20 | 256QAM | 1 | 99 | 18.83 | 19.10 | 19.05 | | | | |
| 20 | 256QAM | 50 | 0 | 18.76 | 18.92 | 18.86 | | | 19.7 | 5 |
| 20 | 256QAM | 50 | 24 | 18.75 | 18.92 | 18.86 | | | | |
| 20 | 256QAM | 100 | 0 | 18.82 | 18.84 | 18.96 | | | | |
| 20 | 256QAM | 100 | 49 | 18.83 | 18.85 | 18.87 | | | 19.7 | 5 |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 23.06 | 23.10 | 23.03 | | | | |
| 15 | QPSK | 1 | 37 | 23.01 | 23.14 | 23.03 | | | 24.7 | 0 |
| 15 | QPSK | 1 | 74 | 23.06 | 23.06 | 24.02 | | | | |
| 15 | QPSK | 36 | 0 | 23.06 | 23.09 | 23.17 | | | | |
| 15 | QPSK | 36 | 39 | 23.09 | 23.09 | 24.02 | | | 24.7 | 0 |
| 15 | QPSK | 75 | 0 | 24.11 | 24.13 | 24.06 | | | | |
| 15 | 16QAM | 1 | 37 | 23.07 | 23.08 | 24.12 | | | 24.7 | 0 |
| 15 | 16QAM | 1 | 74 | 23.14 | 23.14 | 23.06 | | | | |
| 15 | 16QAM | 36 | 0 | 22.95 | 23.15 | 22.93 | | | | |
| 15 | 16QAM | 36 | 29 | 22.92 | 23.05 | 22.94 | | | 23.7 | 1 |
| 15 | 16QAM | 75 | 0 | 23.01 | 23.07 | 23.02 | | | | |
| 15 | 16QAM | 75 | 0 | 23.01 | 23.07 | 23.02 | | | 23.7 | 1 |
| 15 | 16QAM | 1 | 74 | 22.96 | 23.13 | 22.75 | | | | |
| 15 | 16QAM | 36 | 0 | 22.95 | 22.92 | 21.88 | | | | |
| 15 | 16QAM | 36 | 39 | 22.87 | 23.08 | 22.84 | | | 22.7 | 2 |
| 15 | 16QAM | 36 | 39 | 21.98 | 22.01 | 21.75 | | | | |
| 15 | 16QAM | 75 | 0 | 22.11 | 21.99 | 22.20 | | | | |
| 15 | 256QAM | 1 | 37 | 18.92 | 19.06 | 18.96 | | | | |
| 15 | 256QAM | 1 | 74 | 18.92 | 18.90 | 19.03 | | | 19.7 | 5 |
| 15 | 256QAM | 36 | 0 | 18.91 | 18.95 | 18.92 | | | | |
| 15 | 256QAM | 36 | 29 | 18.91 | 18.95 | 18.92 | | | 19.7 | 5 |
| 15 | 256QAM | 75 | 0 | 18.83 | 18.89 | 18.75 | | | | |
| 15 | 256QAM | 75 | 0 | 18.83 | 18.89 | 18.75 | | | 19.7 | 5 |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 24.17 | 24.19 | 24.19 | | | | |
| 10 | QPSK | 1 | 25 | 24.03 | 24.06 | 24.06 | | | 24.7 | 0 |
| 10 | QPSK | 1 | 49 | 23.98 | 23.94 | 24.21 | | | | |
| 10 | QPSK | 12 | 0 | 24.06 | 24.07 | 24.06 | | | | |
| 10 | QPSK | 25 | 12 | 23.98 | 24.13 | 24.03 | | | 24.7 | 0 |
| 10 | QPSK | 25 | 25 | 24.09 | 24.08 | 24.02 | | | | |
| 10 | 16QAM | 1 | 0 | 23.94 | 24.10 | 24.11 | | | 24.7 | 0 |
| 10 | 16QAM | 1 | 24 | 24.05 | 24.10 | 24.04 | | | | |
| 10 | 16QAM | 1 | 49 | 24.07 | 24.07 | 24.07 | | | | |
| 10 | 16QAM | 25 | 0 | 22.96 | 23.13 | 23.01 | | | | |
| 10 | 16QAM | 25 | 12 | 22.90 | 23.10 | 22.97 | | | 23.7 | 1 |
| 10 | 16QAM | 50 | 0 | 22.93 | 23.09 | 22.98 | | | | |
| 10 | 16QAM | 50 | 0 | 23.00 | 23.25 | 23.12 | | | 23.7 | 1 |
| 10 | 16QAM | 1 | 0 | 23.07 | 23.20 | 23.17 | | | | |
| 10 | 16QAM | 1 | 24 | 23.07 | 23.20 | 23.17 | | | 23.7 | 1 |
| 10 | 16QAM | 1 | 49 | 22.95 | 22.94 | 23.02 | | | | |
| 10 | 16QAM | 25 | 0 | 22.07 | 21.96 | 22.00 | | | | |
| 10 | 16QAM | 25 | 12 | 21.82 | 21.98 | 21.77 | | | 22.7 | 2 |
| 10 | 16QAM | 50 | 0 | 22.18 | 22.20 | 22.10 | | | | |
| 10 | 256QAM | 1 | 24 | 18.91 | 18.90 | 18.94 | | | | |
| 10 | 256QAM | 1 | 24 | 18.91 | 18.90 | 18.94 | | | 19.7 | 5 |
| 10 | 256QAM | 25 | 12 | 18.74 | 18.94 | 18.75 | | | 19.7 | 5 |
| 10 | 256QAM | 25 | 25 | 18.83 | 18.89 | 18.81 | | | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.93 | 18.95 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 24.17 | 24.19 | 24.19 | | | | |
| 5 | QPSK | 1 | 12 | 23.89 | 24.19 | 23.89 | | | 24.7 | 0 |
| 5 | QPSK | 1 | 24 | 24.01 | 24.10 | 24.04 | | | | |
| 5 | QPSK | 12 | 0 | 24.06 | 24.07 | 24.06 | | | | |
| 5 | QPSK | 12 | 7 | 24.12 | 24.02 | 24.07 | | | 24.7 | 0 |
| 5 | QPSK | 12 | 13 | 24.14 | 24.17 | 24.03 | | | | |
| 5 | QPSK | 25 | 0 | 23.98 | 24.20 | 23.98 | | | | |
| 5 | 16QAM | 1 | 0 | 24.06 | 24.22 | 24.10 | | | 24.7 | 0 |
| 5 | 16QAM | 1 | 12 | 24.02 | 24.02 | 24.00 | | | | |
| 5 | 16QAM | 1 | 24 | 23.74 | 23.98 | 23.98 | | | | |
| 5 | 16QAM | 12 | 0 | 22.94 | 23.16 | 23.06 | | | | |
| 5 | 16QAM | 12 | 7 | 22.88 | 22.94 | 23.03 | | | 23.7 | 1 |
| 5 | 16QAM | 25 | 0 | 23.12 | 23.23 | 23.20 | | | | |
| 5 | 16QAM | 25 | 0 | 23.12 | 23.23 | 23.20 | | | 23.7 | 1 |
| 5 | 16QAM | 1 | 0 | 23.06 | 23.17 | 23.12 | | | | |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.21 | 23.08 | | | | |
| 5 | 16QAM | 1 | 24 | 22.81 | 23.14 | 22.91 | | | | |
| 5 | 16QAM | 12 | 0 | 21.88 | 21.95 | 21.99 | | | | |
| 5 | 16QAM | 12 | 7 | 21.93 | 21.84 | 21.88 | | | 22.7 | 2 |
| 5 | 16QAM | 12 | 13 | 21.85 | 21.91 | 21.95 | | | | |
| 5 | 16QAM | 25 | 0 | 22.17 | 22.18 | 22.05 | | | | |
| 5 | 256QAM | 1 | 12 | 18.94 | 18.99 | 18.93 | | | | |
| 5 | 256QAM | 1 | 12 | 18.93 | 18.99 | 18.92 | | | 19.7 | 5 |
| 5 | 256QAM | 1 | 24 | 18.79 | 18.91 | 18.87 | | | | |
| 5 | 256QAM | 12 | 0 | 18.89 | 18.91 | 18.83 | | | | |
| 5 | 256QAM | 12 | 7 | 18.71 | 18.84 | 18.92 | | | 19.7 | 5 |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.87 | 18.91 | | | | |
| 5 | 256QAM | 25 | 0 | 18.91 | 18.97 | 18.88 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 23.98 | 24.16 | 24.15 | | | | |
| 3 | QPSK | 1 | 8 | 24.07 | 24.20 | 23.96 | | | 24.7 | 0 |
| 3 | QPSK | 1 | 14 | 23.98 | 24.12 | 23.96 | | | | |
| 3 | QPSK | 8 | 0 | 24.04 | 24.07 | 24.09 | | | | |
| 3 | QPSK | 8 | 4 | 23.88 | 24.16 | 23.92 | | | 24.7 | 0 |
| 3 | QPSK | 8 | 7 | 24.04 | 23.97 | 23.93 | | | | |
| 3 | QPSK | 15 | 0 | 24.13 | 24.09 | 24.13 | | | | |
| 3 | 16QAM | 1 | 0 | 24.16 | 24.07 | 23.92 | | | 24.7 | 0 |
| 3 | 16QAM | 1 | 8 | 23.98 | 24.16 | 24.06 | | | | |
| 3 | 16QAM | 1 | 14 | 23.92 | 23.98 | 23.87 | | | | |
| 3 | 16QAM | 8 | 0 | 22.95 | 22.93 | 22.86 | | | | |
| 3 | 16QAM | 8 | 4 | 22.79 | 22.88 | 22.83 | | | 23.7 | 1 |
| 3 | 16QAM | 15 | 0 | 23.03 | 23.08 | 22.92 | | | | |
| 3 | 16QAM | 15 | 0 | 23.00 | 23.20 | 23.21 | | | 23.7 | 1 |
| 3 | 16QAM | 1 | 0 | 23.04 | 23.18 | 23.10 | | | | |
| 3 | 16QAM | 1 | 8 | 22.99 | 23.05 | 23.02 | | | | |
| 3 | 16QAM | 1 | 14 | 22.90 | 23.12 | 22.99 | | | | |
| 3 | 16QAM | 8 | 0 | 22.02 | 21.90 | 21.86 | | | | |
| 3 | 16QAM | 8 | 4 | 21.89 | 21.88 | 21.80 | | | 22.7 | 2 |
| 3 | 16QAM | 8 | 7 | 22.03 | 21.99 | 21.91 | | | | |
| 3 | 16QAM | 15 | 0 | 22.21 | 22.21 | 21.93 | | | | |
| 3 | 16QAM | 15 | 0 | 19.10 | 19.13 | 19.03 | | | | |
| 3 | 256QAM | 1 | 8 | 18.95 | 18.94 | 18.85 | | | 19.7 | 5 |
| 3 | 256QAM | 1 | 14 | 18.78 | 18.91 | 18.87 | | | | |
| 3 | 256QAM | 8 | 0 | 18.96 | 18.95 | 18.90 | | | | |
| 3 | 256QAM | 8 | 4 | 18.72 | 18.81 | 18.87 | | | 19.7 | 5 |
| 3 | 256QAM | 8 | 7 | 18.89 | 18.86 | 18.84 | | | | |
| 3 | 256QAM | 1 | | | | | | | | |



| Band 38 Ant4 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 24.16 | 24.19 | 24.09 | 24.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 23.79 | 23.95 | 23.87 | | | | |
| 20 | QPSK | 1 | 99 | 23.76 | 23.91 | 24.02 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 0 | 23.13 | 23.15 | 23.05 | | | | |
| 20 | QPSK | 50 | 24 | 22.95 | 23.09 | 23.06 | 23.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 22.99 | 22.98 | 22.96 | | | | |
| 20 | QPSK | 100 | 0 | 23.07 | 23.15 | 23.03 | 23.7 | 1 | | |
| 20 | QPSK | 1 | 49 | 23.08 | 23.02 | 23.03 | | | | |
| 20 | 16QAM | 1 | 49 | 22.82 | 23.12 | 22.93 | 22.7 | 2 | | |
| 20 | 16QAM | 1 | 99 | 23.06 | 23.07 | 22.89 | | | | |
| 20 | 16QAM | 50 | 0 | 22.03 | 21.95 | 22.02 | 22.7 | 2 | | |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.95 | 22.07 | | | | |
| 20 | 16QAM | 50 | 50 | 21.81 | 22.02 | 21.89 | 21.7 | 3 | | |
| 20 | 16QAM | 100 | 0 | 21.95 | 22.16 | 22.07 | | | | |
| 20 | 64QAM | 1 | 0 | 21.98 | 22.06 | 22.00 | 22.7 | 2 | | |
| 20 | 64QAM | 1 | 49 | 22.02 | 22.09 | 22.05 | | | | |
| 20 | 64QAM | 1 | 99 | 21.95 | 22.17 | 21.97 | 21.7 | 3 | | |
| 20 | 64QAM | 50 | 0 | 21.02 | 21.07 | 20.97 | | | | |
| 20 | 64QAM | 50 | 24 | 20.92 | 20.94 | 20.76 | 21.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 21.06 | 21.11 | 21.11 | | | | |
| 20 | 64QAM | 100 | 0 | 20.95 | 20.94 | 21.08 | 19.7 | 5 | | |
| 20 | 256QAM | 1 | 0 | 18.94 | 19.00 | 19.00 | | | | |
| 20 | 256QAM | 1 | 49 | 18.88 | 18.90 | 19.02 | 19.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 18.85 | 19.02 | 19.00 | | | | |
| 20 | 256QAM | 50 | 0 | 19.00 | 18.98 | 18.88 | 19.7 | 5 | | |
| 20 | 256QAM | 50 | 24 | 18.86 | 18.91 | 18.80 | | | | |
| 20 | 256QAM | 50 | 50 | 18.80 | 18.87 | 18.92 | 25.0 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.81 | 19.17 | 18.91 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 24.10 | 24.14 | 23.98 | 24.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 23.90 | 23.97 | 23.97 | | | | |
| 15 | QPSK | 1 | 74 | 23.95 | 23.97 | 23.91 | 23.7 | 1 | | |
| 15 | QPSK | 36 | 0 | 23.05 | 23.12 | 23.06 | | | | |
| 15 | QPSK | 36 | 20 | 22.93 | 23.05 | 22.95 | 23.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 22.97 | 22.96 | 22.86 | | | | |
| 15 | QPSK | 75 | 0 | 22.90 | 23.08 | 22.82 | 23.7 | 1 | | |
| 15 | 16QAM | 1 | 0 | 22.83 | 23.03 | 23.13 | | | | |
| 15 | 16QAM | 1 | 37 | 22.87 | 22.99 | 23.00 | 22.7 | 2 | | |
| 15 | 16QAM | 1 | 74 | 22.87 | 22.91 | 22.80 | | | | |
| 15 | 16QAM | 36 | 0 | 21.95 | 22.04 | 22.00 | 22.7 | 2 | | |
| 15 | 16QAM | 36 | 20 | 21.97 | 21.92 | 22.05 | | | | |
| 15 | 16QAM | 36 | 39 | 21.76 | 21.95 | 21.80 | 22.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 21.96 | 22.09 | 22.02 | | | | |
| 15 | 64QAM | 1 | 0 | 22.10 | 22.06 | 22.12 | 22.7 | 2 | | |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.07 | 22.02 | | | | |
| 15 | 64QAM | 1 | 74 | 22.02 | 22.00 | 21.96 | 21.7 | 3 | | |
| 15 | 64QAM | 36 | 0 | 20.97 | 20.93 | 20.89 | | | | |
| 15 | 64QAM | 36 | 20 | 20.80 | 20.85 | 20.89 | 19.7 | 5 | | |
| 15 | 64QAM | 36 | 39 | 20.80 | 21.05 | 21.00 | | | | |
| 15 | 64QAM | 75 | 0 | 21.05 | 20.91 | 20.98 | 19.7 | 5 | | |
| 15 | 256QAM | 1 | 0 | 19.05 | 19.16 | 18.98 | | | | |
| 15 | 256QAM | 1 | 37 | 18.93 | 18.98 | 19.02 | 19.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 18.93 | 19.07 | 18.95 | | | | |
| 15 | 256QAM | 36 | 0 | 19.08 | 18.97 | 19.08 | 19.7 | 5 | | |
| 15 | 256QAM | 36 | 20 | 18.82 | 18.94 | 18.86 | | | | |
| 15 | 256QAM | 36 | 39 | 18.85 | 19.01 | 18.87 | 25.0 | 0 | | |
| 15 | 256QAM | 75 | 0 | 19.00 | 19.11 | 18.93 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 24.05 | 24.15 | 24.10 | 24.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 23.93 | 23.86 | 23.94 | | | | |
| 10 | QPSK | 1 | 49 | 23.86 | 24.03 | 23.91 | 23.7 | 1 | | |
| 10 | QPSK | 25 | 0 | 23.12 | 23.00 | 23.08 | | | | |
| 10 | QPSK | 25 | 12 | 23.13 | 23.04 | 22.93 | 23.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 22.93 | 23.05 | 22.88 | | | | |
| 10 | QPSK | 50 | 0 | 22.93 | 22.96 | 22.99 | 23.7 | 1 | | |
| 10 | 16QAM | 1 | 0 | 22.88 | 23.12 | 22.94 | | | | |
| 10 | 16QAM | 1 | 25 | 22.80 | 23.10 | 22.96 | 22.7 | 2 | | |
| 10 | 16QAM | 1 | 49 | 22.81 | 23.04 | 22.72 | | | | |
| 10 | 16QAM | 25 | 0 | 21.87 | 22.07 | 22.10 | 22.7 | 2 | | |
| 10 | 16QAM | 25 | 12 | 22.00 | 21.90 | 22.02 | | | | |
| 10 | 16QAM | 25 | 25 | 21.76 | 21.95 | 21.78 | 22.7 | 2 | | |
| 10 | 16QAM | 50 | 0 | 21.96 | 22.20 | 22.00 | | | | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.09 | 21.96 | 22.7 | 2 | | |
| 10 | 64QAM | 1 | 25 | 21.88 | 22.15 | 21.92 | | | | |
| 10 | 64QAM | 1 | 49 | 21.96 | 22.03 | 21.90 | 21.7 | 3 | | |
| 10 | 64QAM | 25 | 0 | 21.12 | 21.04 | 20.82 | | | | |
| 10 | 64QAM | 25 | 12 | 20.78 | 21.09 | 20.95 | 19.7 | 5 | | |
| 10 | 64QAM | 25 | 25 | 20.86 | 21.03 | 21.11 | | | | |
| 10 | 64QAM | 50 | 0 | 21.04 | 20.92 | 20.90 | 19.7 | 5 | | |
| 10 | 256QAM | 1 | 0 | 19.01 | 19.10 | 18.94 | | | | |
| 10 | 256QAM | 1 | 25 | 18.86 | 18.92 | 18.85 | 19.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.02 | 18.95 | 18.96 | | | | |
| 10 | 256QAM | 25 | 0 | 18.93 | 18.94 | 18.93 | 19.7 | 5 | | |
| 10 | 256QAM | 25 | 12 | 18.73 | 18.77 | 18.77 | | | | |
| 10 | 256QAM | 25 | 25 | 18.81 | 19.03 | 18.75 | 25.0 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.93 | 18.98 | 19.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 23.98 | 24.17 | 24.01 | 24.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 23.71 | 23.96 | 23.88 | | | | |
| 5 | QPSK | 1 | 24 | 23.72 | 23.99 | 23.86 | 23.7 | 1 | | |
| 5 | QPSK | 12 | 0 | 23.13 | 23.09 | 22.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.10 | 23.03 | 22.95 | 23.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 22.83 | 23.05 | 22.95 | | | | |
| 5 | QPSK | 25 | 0 | 22.95 | 23.07 | 22.82 | 23.7 | 1 | | |
| 5 | 16QAM | 1 | 0 | 22.88 | 23.11 | 23.10 | | | | |
| 5 | 16QAM | 1 | 12 | 22.91 | 23.01 | 23.00 | 22.7 | 2 | | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.95 | 22.86 | | | | |
| 5 | 16QAM | 12 | 0 | 21.99 | 22.05 | 22.00 | 22.7 | 2 | | |
| 5 | 16QAM | 12 | 7 | 21.91 | 22.00 | 22.02 | | | | |
| 5 | 16QAM | 12 | 13 | 21.75 | 21.94 | 21.87 | 22.7 | 2 | | |
| 5 | 16QAM | 25 | 0 | 22.01 | 22.03 | 21.92 | | | | |
| 5 | 64QAM | 1 | 0 | 22.00 | 22.11 | 21.89 | 22.7 | 2 | | |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.99 | 22.00 | | | | |
| 5 | 64QAM | 1 | 24 | 22.04 | 22.00 | 21.86 | 21.7 | 3 | | |
| 5 | 64QAM | 12 | 0 | 21.14 | 21.02 | 21.02 | | | | |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.87 | 20.85 | 19.7 | 5 | | |
| 5 | 64QAM | 12 | 13 | 20.93 | 21.09 | 20.92 | | | | |
| 5 | 64QAM | 25 | 0 | 20.93 | 21.00 | 21.09 | 19.7 | 5 | | |
| 5 | 256QAM | 1 | 0 | 18.90 | 19.02 | 18.98 | | | | |
| 5 | 256QAM | 1 | 12 | 18.74 | 19.08 | 19.01 | 19.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 18.90 | 18.94 | 18.79 | | | | |
| 5 | 256QAM | 12 | 0 | 19.09 | 19.09 | 18.89 | 19.7 | 5 | | |
| 5 | 256QAM | 12 | 7 | 18.82 | 18.96 | 18.80 | | | | |
| 5 | 256QAM | 12 | 13 | 18.79 | 18.86 | 18.79 | 25.0 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.92 | 19.14 | 19.02 | | | | |

| Band 41 Ant4 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 23.85 | 23.96 | 24.20 | 23.90 | 23.94 | 24.7 | 0 |
| 20 | QPSK | 1 | 49 | 23.85 | 23.88 | 23.80 | 23.86 | 23.91 | | |
| 20 | QPSK | 1 | 99 | 23.85 | 23.83 | 23.94 | 23.74 | 23.82 | 23.7 | 1 |
| 20 | QPSK | 50 | 0 | 22.93 | 23.07 | 23.10 | 22.96 | 22.83 | | |
| 20 | QPSK | 50 | 24 | 23.00 | 22.91 | 22.97 | 22.98 | 23.01 | 23.7 | 1 |
| 20 | QPSK | 50 | 50 | 23.00 | 22.97 | 23.06 | 22.84 | 22.88 | | |
| 20 | QPSK | 100 | 0 | 22.99 | 22.95 | 23.04 | 22.92 | 22.91 | 23.7 | 1 |
| 20 | 16QAM | 1 | 0 | 22.85 | 22.88 | 23.05 | 23.12 | 23.11 | | |
| 20 | 16QAM | 1 | | | | | | | | |



Reduced Power Mode for WWAN for DSI 1

| GSM850 Ant0 Default | | | | | | | | |
|---------------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 180 | 251 | | 128 | 180 | 251 | |
| TX Channel | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | 25.00 |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | 32.81 | 32.86 | 32.92 | 34.00 | 23.81 | 23.86 | 23.92 | 25.00 |
| GPRS 1 Tx slot | 32.80 | 32.85 | 32.90 | 34.00 | 23.80 | 23.85 | 23.90 | 25.00 |
| GPRS 2 Tx slots | 29.93 | 29.96 | 29.98 | 31.00 | 23.93 | 23.96 | 23.98 | 25.00 |
| GPRS 3 Tx slots | 28.11 | 28.13 | 28.04 | 29.20 | 23.85 | 23.87 | 23.78 | 24.94 |
| GPRS 4 Tx slots | 27.05 | 27.11 | 26.94 | 28.00 | 24.05 | 24.11 | 23.94 | 25.00 |
| EDGE 1 Tx slot | 26.72 | 26.88 | 26.79 | 28.00 | 17.72 | 17.88 | 17.79 | 19.00 |
| EDGE 2 Tx slots | 23.77 | 23.85 | 23.87 | 25.00 | 17.77 | 17.85 | 17.87 | 19.00 |
| EDGE 3 Tx slots | 21.02 | 22.06 | 21.99 | 23.20 | 17.66 | 17.80 | 17.73 | 18.94 |
| EDGE 4 Tx slots | 20.66 | 20.79 | 20.72 | 22.00 | 17.66 | 17.79 | 17.72 | 19.00 |

| WCDMA V Ant0 Default | | | | | |
|----------------------|-------------------------|-------|-------|---------------------|-------|
| Band | WCDMA V | | | Tune-up Limit (dBm) | |
| | 4132 | 4182 | 4233 | | |
| TX Channel | 4357 | 4407 | 4456 | | |
| Rx Channel | 4357 | 4407 | 4456 | | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | | |
| 3GPP Rel 99 | AMR 12.2Kbps | 24.03 | 24.11 | 24.10 | 25.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 24.05 | 24.12 | 24.11 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 23.03 | 23.06 | 22.99 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 23.05 | 23.15 | 22.92 | 25.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 22.62 | 22.45 | 22.63 | 24.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 22.59 | 22.51 | 22.68 | 24.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 23.23 | 23.09 | 23.05 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 23.06 | 23.06 | 22.94 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 22.67 | 22.55 | 22.48 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 22.61 | 22.59 | 22.57 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 23.11 | 23.03 | 23.11 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 21.26 | 20.98 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 22.16 | 22.13 | 21.94 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 21.13 | 21.04 | 20.88 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 23.15 | 23.11 | 23.15 | 24.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 20.60 | 20.57 | 20.53 | 21.50 |



| Band 5 Ant0 Default | | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 20450 | 20525 | 20600 | | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.49 | 24.40 | 25.5 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.37 | 24.39 | 24.33 | | | | |
| 10 | QPSK | 1 | 49 | 24.21 | 24.34 | 24.20 | | | | |
| 10 | QPSK | 25 | 0 | 24.37 | 24.47 | 24.43 | 25.5 | 0 | | |
| 10 | QPSK | 25 | 12 | 24.42 | 24.42 | 24.42 | | | | |
| 10 | QPSK | 25 | 25 | 24.41 | 24.44 | 24.39 | | | | |
| 10 | QPSK | 50 | 0 | 24.29 | 24.45 | 24.41 | 25.5 | 0 | | |
| 10 | 16QAM | 1 | 0 | 24.34 | 24.48 | 24.35 | | | | |
| 10 | 16QAM | 1 | 25 | 24.35 | 24.43 | 24.35 | | | | |
| 10 | 16QAM | 1 | 49 | 24.42 | 24.33 | 24.33 | 24.5 | 1 | | |
| 10 | 16QAM | 25 | 0 | 23.39 | 23.47 | 23.42 | | | | |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.37 | 23.40 | | | | |
| 10 | 16QAM | 25 | 25 | 23.42 | 23.37 | 23.40 | 24.5 | 0 | | |
| 10 | 16QAM | 50 | 0 | 23.36 | 23.49 | 23.39 | | | | |
| 10 | 64QAM | 1 | 0 | 23.52 | 23.58 | 23.46 | | | | |
| 10 | 64QAM | 1 | 25 | 23.53 | 23.47 | 23.44 | 24.5 | 1 | | |
| 10 | 64QAM | 1 | 49 | 23.47 | 23.43 | 23.54 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.46 | 22.37 | | | | |
| 10 | 64QAM | 25 | 12 | 22.33 | 22.32 | 22.36 | 23.5 | 2 | | |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.37 | 22.38 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.48 | 22.41 | | | | |
| 10 | 256QAM | 1 | 0 | 19.36 | 19.51 | 19.42 | 20.5 | 5 | | |
| 10 | 256QAM | 1 | 25 | 19.40 | 19.46 | 19.46 | | | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.39 | 19.39 | | | | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.40 | 19.38 | 20.5 | 5 | | |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.31 | 19.37 | | | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.24 | 19.27 | | | | |
| 10 | 256QAM | 50 | 0 | 19.42 | 19.45 | 19.34 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.37 | 24.34 | 25.5 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.25 | 24.26 | 24.27 | | | | |
| 5 | QPSK | 1 | 24 | 24.08 | 24.22 | 24.12 | | | | |
| 5 | QPSK | 12 | 0 | 24.34 | 24.45 | 24.30 | 25.5 | 0 | | |
| 5 | QPSK | 12 | 7 | 24.33 | 24.39 | 24.32 | | | | |
| 5 | QPSK | 12 | 13 | 24.36 | 24.39 | 24.36 | | | | |
| 5 | QPSK | 25 | 0 | 24.26 | 24.30 | 24.30 | 25.5 | 0 | | |
| 5 | 16QAM | 1 | 0 | 24.23 | 24.37 | 24.25 | | | | |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.33 | 24.28 | | | | |
| 5 | 16QAM | 1 | 24 | 24.33 | 24.19 | 24.26 | 24.5 | 1 | | |
| 5 | 16QAM | 12 | 0 | 23.30 | 23.33 | 23.35 | | | | |
| 5 | 16QAM | 12 | 7 | 23.35 | 23.34 | 23.34 | | | | |
| 5 | 16QAM | 12 | 13 | 23.39 | 23.33 | 23.30 | 24.5 | 1 | | |
| 5 | 16QAM | 25 | 0 | 23.34 | 23.39 | 23.30 | | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.52 | 23.34 | | | | |
| 5 | 64QAM | 1 | 12 | 23.39 | 23.34 | 23.28 | 24.5 | 1 | | |
| 5 | 64QAM | 1 | 24 | 23.37 | 23.35 | 23.46 | | | | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.39 | 22.23 | | | | |
| 5 | 64QAM | 12 | 7 | 22.23 | 22.23 | 22.30 | 23.5 | 2 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.33 | 22.23 | | | | |
| 5 | 64QAM | 25 | 0 | 22.30 | 22.42 | 22.38 | | | | |
| 5 | 256QAM | 1 | 0 | 19.34 | 19.40 | 19.31 | 20.5 | 5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.39 | 19.30 | | | | |
| 5 | 256QAM | 1 | 24 | 19.35 | 19.24 | 19.28 | | | | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.26 | 19.34 | 20.5 | 5 | | |
| 5 | 256QAM | 12 | 7 | 19.29 | 19.15 | 19.35 | | | | |
| 5 | 256QAM | 12 | 13 | 19.24 | 19.21 | 19.13 | | | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.38 | 19.25 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 24.28 | 24.45 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 1 | 8 | 24.32 | 24.28 | 24.21 | | | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.20 | 24.11 | | | | |
| 3 | QPSK | 8 | 0 | 24.31 | 24.41 | 24.29 | 25.5 | 0 | | |
| 3 | QPSK | 8 | 4 | 24.40 | 24.38 | 24.40 | | | | |
| 3 | QPSK | 8 | 7 | 24.33 | 24.29 | 24.30 | | | | |
| 3 | QPSK | 15 | 0 | 24.20 | 24.35 | 24.30 | 25.5 | 0 | | |
| 3 | 16QAM | 1 | 0 | 24.21 | 24.39 | 24.31 | | | | |
| 3 | 16QAM | 1 | 8 | 24.29 | 24.30 | 24.28 | | | | |
| 3 | 16QAM | 1 | 14 | 24.36 | 24.28 | 24.24 | 24.5 | 1 | | |
| 3 | 16QAM | 8 | 0 | 23.36 | 23.41 | 23.29 | | | | |
| 3 | 16QAM | 8 | 4 | 23.29 | 23.32 | 23.25 | | | | |
| 3 | 16QAM | 8 | 7 | 23.33 | 23.29 | 23.30 | 24.5 | 1 | | |
| 3 | 16QAM | 15 | 0 | 23.31 | 23.39 | 23.24 | | | | |
| 3 | 64QAM | 1 | 0 | 23.44 | 23.45 | 23.32 | | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.34 | 23.29 | 24.5 | 1 | | |
| 3 | 64QAM | 1 | 14 | 23.32 | 23.33 | 23.44 | | | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.40 | 22.25 | | | | |
| 3 | 64QAM | 8 | 4 | 22.25 | 22.29 | 22.21 | 23.5 | 2 | | |
| 3 | 64QAM | 8 | 7 | 22.30 | 22.27 | 22.29 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.44 | 22.34 | | | | |
| 3 | 256QAM | 1 | 0 | 19.25 | 19.37 | 19.31 | 20.5 | 5 | | |
| 3 | 256QAM | 1 | 8 | 19.37 | 19.43 | 19.43 | | | | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.36 | 19.29 | | | | |
| 3 | 256QAM | 8 | 0 | 19.29 | 19.25 | 19.34 | 20.5 | 5 | | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.17 | 19.32 | | | | |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.08 | 19.14 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.33 | 19.23 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.44 | 24.34 | 25.5 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.26 | 24.30 | | | | |
| 1.4 | QPSK | 1 | 5 | 24.16 | 24.31 | 24.07 | | | | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.36 | 24.36 | 25.5 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 24.39 | 24.30 | 24.39 | | | | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.30 | 24.34 | | | | |
| 1.4 | QPSK | 6 | 0 | 24.16 | 24.31 | 24.36 | 25.5 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 24.29 | 24.35 | 24.25 | | | | |
| 1.4 | 16QAM | 1 | 3 | 24.25 | 24.40 | 24.32 | | | | |
| 1.4 | 16QAM | 1 | 5 | 24.35 | 24.18 | 24.24 | 25.5 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 24.25 | 24.43 | 24.36 | | | | |
| 1.4 | 16QAM | 3 | 1 | 24.35 | 24.32 | 24.37 | | | | |
| 1.4 | 16QAM | 3 | 3 | 24.37 | 24.33 | 24.34 | 24.5 | 1 | | |
| 1.4 | 16QAM | 6 | 0 | 23.32 | 23.39 | 23.29 | | | | |
| 1.4 | 64QAM | 1 | 0 | 23.49 | 23.41 | 23.35 | | | | |
| 1.4 | 64QAM | 1 | 3 | 23.45 | 23.43 | 23.33 | 24.5 | 1 | | |
| 1.4 | 64QAM | 1 | 5 | 23.36 | 23.40 | 23.41 | | | | |
| 1.4 | 64QAM | 3 | 0 | 23.29 | 23.37 | 23.29 | | | | |
| 1.4 | 64QAM | 3 | 1 | 23.19 | 23.18 | 23.33 | 23.5 | 2 | | |
| 1.4 | 64QAM | 3 | 3 | 23.35 | 23.25 | 23.26 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.37 | 22.35 | 22.26 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.31 | 19.46 | 19.39 | 20.5 | 5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.41 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.35 | 19.30 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.29 | 19.34 | 20.5 | 5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.23 | 19.22 | 19.34 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.16 | 19.09 | 19.16 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.32 | 19.32 | 19.19 | 20.5 | 5 | | |

GSM850 Ant1 DS11

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 180 | 251 | | 128 | 180 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 32.00 | 824.2 | 836.4 | 848.8 | 32.00 |
| GSM 1 Tx slot | 30.97 | 30.96 | 30.93 | 32.00 | 21.97 | 21.96 | 21.93 | 23.00 |
| GPRS 1 Tx slot | 30.96 | 30.94 | 30.92 | 32.00 | 21.96 | 21.94 | 21.92 | 23.00 |
| GPRS 2 Tx slots | 28.02 | 27.99 | 27.95 | 29.00 | 22.02 | 21.99 | 21.95 | 23.00 |
| GPRS 3 Tx slots | 26.33 | 26.24 | 26.29 | 27.20 | 22.07 | 21.98 | 22.03 | 22.94 |
| GPRS 4 Tx slots | 24.98 | 24.89 | 24.81 | 26.00 | 21.86 | 21.89 | 21.81 | 23.00 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.43 | 28.00 | 17.50 | 17.59 | 17.43 | 19.00 |
| EDGE 2 Tx slots | 23.63 | 23.69 | 23.59 | 25.00 | 17.63 | 17.69 | 17.59 | 19.00 |
| EDGE 3 Tx slots | 21.82 | 21.95 | 21.78 | 23.20 | 17.56 | 17.69 | 17.52 | 18.94 |
| EDGE 4 Tx slots | 20.52 | 20.57 | 20.46 | 22.00 | 17.52 | 17.57 | 17.46 | 19.00 |

WCDMA V Ant1 DS11

| Band TX Channel | WCDMA V | | | Tune-up Limit (dBm) |
|------------------------------------|---------|-------|-------|---------------------------|
| | 4132 | 4182 | 4233 | |
| Rx Channel | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 22.19 | 22.27 | 22.07 | 23.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 22.20 | 22.26 | 22.00 | 23.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 21.05 | 21.04 | 21.08 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 21.12 | 21.29 | 21.02 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 20.65 | 20.60 | 20.73 | 22.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 20.77 | 20.71 | 20.84 | 22.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 21.18 | 21.20 | 21.26 | 22.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 21.15 | 21.30 | 21.18 | 22.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 20.85 | 20.55 | 20.71 | 22.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 20.67 | 20.74 | 20.60 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 21.07 | 21.33 | 21.36 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 19.34 | 19.09 | 19.29 | 20.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 20.20 | 20.26 | 20.13 | 21.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 19.21 | 19.27 | 19.16 | 20.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 21.25 | 21.25 | 21.31 | 22.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 18.69 | 18.76 | 18.73 | 20.00 |



| Band 5 Ant1 DSI1 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 23.02 | 23.16 | 22.96 | 24.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 23.00 | 23.06 | 22.83 | | | | |
| 10 | QPSK | 1 | 49 | 22.88 | 23.04 | 22.88 | | | | |
| 10 | QPSK | 25 | 0 | 22.89 | 22.93 | 22.92 | 24.2 | 0 | | |
| 10 | QPSK | 25 | 12 | 22.89 | 22.89 | 22.91 | | | | |
| 10 | QPSK | 25 | 25 | 22.81 | 22.91 | 22.86 | | | | |
| 10 | QPSK | 50 | 0 | 22.86 | 23.10 | 23.02 | 24.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 22.89 | 23.04 | 22.94 | | | | |
| 10 | 16QAM | 1 | 25 | 22.86 | 23.04 | 23.04 | | | | |
| 10 | 16QAM | 1 | 49 | 22.91 | 23.00 | 23.05 | 24.2 | 0 | | |
| 10 | 16QAM | 25 | 0 | 22.82 | 22.92 | 22.97 | | | | |
| 10 | 16QAM | 25 | 12 | 22.89 | 22.97 | 22.81 | | | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 22.91 | 22.84 | 24.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 22.96 | 23.06 | 22.93 | | | | |
| 10 | 64QAM | 1 | 0 | 22.99 | 23.05 | 22.98 | | | | |
| 10 | 64QAM | 1 | 25 | 23.04 | 22.99 | 23.01 | 24.2 | 0 | | |
| 10 | 64QAM | 1 | 49 | 23.01 | 23.06 | 23.00 | | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.49 | 22.43 | | | | |
| 10 | 64QAM | 25 | 12 | 22.34 | 22.34 | 22.36 | 23.7 | 0.5 | | |
| 10 | 64QAM | 25 | 25 | 22.34 | 22.34 | 22.46 | | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.58 | 22.51 | | | | |
| 10 | 256QAM | 1 | 0 | 19.50 | 19.60 | 19.51 | 20.7 | 3.5 | | |
| 10 | 256QAM | 1 | 25 | 19.45 | 19.55 | 19.55 | | | | |
| 10 | 256QAM | 1 | 49 | 19.48 | 19.46 | 19.48 | | | | |
| 10 | 256QAM | 25 | 0 | 19.40 | 19.52 | 19.38 | 20.7 | 3.5 | | |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.45 | 19.46 | | | | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.48 | 19.40 | | | | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.53 | 19.43 | | | | |
| Channel | | | | 20425 | 20525 | 20625 | | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | | |
| 5 | QPSK | 1 | 0 | 22.88 | 23.07 | 22.81 | 24.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.89 | 23.08 | 22.66 | | | | |
| 5 | QPSK | 1 | 24 | 22.81 | 23.00 | 22.71 | | | | |
| 5 | QPSK | 12 | 0 | 22.75 | 22.83 | 22.84 | 24.2 | 0 | | |
| 5 | QPSK | 12 | 7 | 22.73 | 22.88 | 22.78 | | | | |
| 5 | QPSK | 12 | 13 | 22.67 | 22.75 | 22.85 | | | | |
| 5 | QPSK | 25 | 0 | 22.67 | 22.97 | 22.89 | 24.2 | 0 | | |
| 5 | 16QAM | 1 | 0 | 22.73 | 22.87 | 22.80 | | | | |
| 5 | 16QAM | 1 | 12 | 22.91 | 23.00 | 23.03 | | | | |
| 5 | 16QAM | 1 | 24 | 22.89 | 22.79 | 22.95 | 24.2 | 0 | | |
| 5 | 16QAM | 12 | 0 | 22.65 | 22.79 | 22.80 | | | | |
| 5 | 16QAM | 12 | 7 | 22.76 | 22.98 | 22.63 | | | | |
| 5 | 16QAM | 12 | 13 | 22.91 | 22.69 | 22.77 | 24.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 22.87 | 22.94 | 22.73 | | | | |
| 5 | 64QAM | 1 | 0 | 22.94 | 23.11 | 22.96 | | | | |
| 5 | 64QAM | 1 | 12 | 22.97 | 23.00 | 23.13 | 24.2 | 0 | | |
| 5 | 64QAM | 1 | 24 | 22.81 | 23.13 | 22.80 | | | | |
| 5 | 64QAM | 12 | 0 | 22.18 | 22.42 | 22.37 | | | | |
| 5 | 64QAM | 12 | 7 | 22.22 | 22.25 | 22.31 | 23.7 | 0.5 | | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.25 | 22.40 | | | | |
| 5 | 64QAM | 25 | 0 | 22.35 | 22.50 | 22.36 | | | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.57 | 19.39 | 20.7 | 3.5 | | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.53 | 19.43 | | | | |
| 5 | 256QAM | 1 | 24 | 19.41 | 19.37 | 19.39 | | | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.39 | 19.36 | 20.7 | 3.5 | | |
| 5 | 256QAM | 12 | 7 | 19.31 | 19.37 | 19.42 | | | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.38 | 19.25 | | | | |
| 5 | 256QAM | 25 | 0 | 19.28 | 19.38 | 19.29 | | | | |
| Channel | | | | 20415 | 20525 | 20635 | | | | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | | |
| 3 | QPSK | 1 | 0 | 22.95 | 23.12 | 22.85 | 24.2 | 0 | | |
| 3 | QPSK | 1 | 8 | 22.79 | 22.87 | 22.82 | | | | |
| 3 | QPSK | 1 | 14 | 22.67 | 22.95 | 22.73 | | | | |
| 3 | QPSK | 8 | 0 | 22.76 | 22.86 | 22.78 | 24.2 | 0 | | |
| 3 | QPSK | 8 | 4 | 22.69 | 22.75 | 22.92 | | | | |
| 3 | QPSK | 8 | 7 | 22.82 | 22.75 | 22.81 | | | | |
| 3 | QPSK | 15 | 0 | 22.64 | 23.09 | 22.98 | 24.2 | 0 | | |
| 3 | 16QAM | 1 | 0 | 22.90 | 22.85 | 22.74 | | | | |
| 3 | 16QAM | 1 | 8 | 22.85 | 22.98 | 23.06 | | | | |
| 3 | 16QAM | 1 | 14 | 22.70 | 22.95 | 22.95 | 24.2 | 0 | | |
| 3 | 16QAM | 8 | 0 | 22.68 | 22.86 | 22.97 | | | | |
| 3 | 16QAM | 8 | 4 | 22.78 | 22.89 | 22.77 | | | | |
| 3 | 16QAM | 8 | 7 | 22.91 | 22.70 | 22.66 | 24.2 | 0 | | |
| 3 | 16QAM | 15 | 0 | 22.83 | 22.95 | 22.78 | | | | |
| 3 | 64QAM | 1 | 0 | 22.98 | 23.12 | 22.84 | | | | |
| 3 | 64QAM | 1 | 8 | 23.05 | 22.78 | 23.08 | 24.2 | 0 | | |
| 3 | 64QAM | 1 | 14 | 22.89 | 23.09 | 22.81 | | | | |
| 3 | 64QAM | 8 | 0 | 22.28 | 22.46 | 22.41 | | | | |
| 3 | 64QAM | 8 | 4 | 22.18 | 22.29 | 22.29 | 23.7 | 0.5 | | |
| 3 | 64QAM | 8 | 7 | 22.27 | 22.27 | 22.42 | | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.46 | 22.43 | | | | |
| 3 | 256QAM | 1 | 0 | 19.39 | 19.44 | 19.40 | 20.7 | 3.5 | | |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.49 | 19.42 | | | | |
| 3 | 256QAM | 1 | 14 | 19.44 | 19.32 | 19.39 | | | | |
| 3 | 256QAM | 8 | 0 | 19.34 | 19.45 | 19.30 | 20.7 | 3.5 | | |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.37 | | | | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.34 | 19.36 | | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.39 | 19.33 | | | | |
| Channel | | | | 20407 | 20525 | 20643 | | | | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | | |
| 1.4 | QPSK | 1 | 0 | 23.03 | 23.10 | 22.93 | 24.2 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 22.94 | 23.07 | 22.70 | | | | |
| 1.4 | QPSK | 1 | 5 | 22.66 | 23.00 | 22.74 | | | | |
| 1.4 | QPSK | 3 | 0 | 22.75 | 22.76 | 22.78 | 24.2 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 22.72 | 22.85 | 22.81 | | | | |
| 1.4 | QPSK | 3 | 3 | 22.61 | 22.89 | 22.82 | | | | |
| 1.4 | QPSK | 6 | 0 | 22.70 | 22.94 | 22.83 | 24.2 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 22.90 | 23.03 | 22.83 | | | | |
| 1.4 | 16QAM | 1 | 3 | 22.90 | 23.00 | 23.05 | | | | |
| 1.4 | 16QAM | 1 | 5 | 22.77 | 22.91 | 23.03 | 24.2 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 22.80 | 22.76 | 22.82 | | | | |
| 1.4 | 16QAM | 3 | 1 | 22.90 | 22.80 | 22.72 | | | | |
| 1.4 | 16QAM | 3 | 3 | 22.83 | 22.88 | 22.74 | 24.2 | 0 | | |
| 1.4 | 16QAM | 6 | 0 | 22.93 | 22.97 | 22.93 | | | | |
| 1.4 | 64QAM | 1 | 0 | 22.92 | 23.12 | 22.98 | | | | |
| 1.4 | 64QAM | 1 | 3 | 22.97 | 22.98 | 23.07 | 24.2 | 0 | | |
| 1.4 | 64QAM | 1 | 5 | 22.80 | 23.11 | 22.90 | | | | |
| 1.4 | 64QAM | 3 | 0 | 22.21 | 22.33 | 22.41 | | | | |
| 1.4 | 64QAM | 3 | 1 | 22.33 | 22.30 | 22.33 | 23.7 | 0.5 | | |
| 1.4 | 64QAM | 3 | 3 | 22.29 | 22.20 | 22.46 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.35 | 22.49 | 22.41 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.47 | 19.45 | 19.45 | 20.7 | 3.5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.32 | 19.51 | 19.41 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.33 | 19.46 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.37 | 19.29 | 20.7 | 3.5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.35 | 19.40 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.22 | 19.40 | 19.32 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.37 | 19.35 | 20.7 | 3.5 | | |



| | | WCDMA IV Art2 DS11 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1512 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.8 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 17.70 | 17.76 | 17.64 | 18.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 17.71 | 17.77 | 17.66 | 18.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 16.81 | 16.73 | 16.59 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 16.60 | 16.77 | 16.68 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 16.12 | 16.22 | 16.21 | 17.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 16.29 | 16.33 | 16.21 | 17.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 16.98 | 16.80 | 16.80 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 16.76 | 16.65 | 16.58 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 16.24 | 16.32 | 16.27 | 17.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 16.19 | 16.28 | 16.25 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 15.63 | 15.84 | 15.75 | 17.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.01 | 15.03 | 15.06 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 15.78 | 15.74 | 15.64 | 16.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.04 | 15.09 | 15.03 | 15.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 16.86 | 16.71 | 16.70 | 17.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 14.95 | 14.97 | 14.97 | 15.00 |



| Band 4 Ant2 DSI1 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up limit (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 18.61 | 18.67 | 18.63 | | | | |
| 20 | QPSK | 1 | 49 | 18.61 | 18.67 | 18.63 | 19.2 | 0 | | |
| 20 | QPSK | 1 | 99 | 18.61 | 18.69 | 18.56 | | | | |
| 20 | QPSK | 50 | 0 | 18.63 | 18.64 | 18.54 | | | | |
| 20 | QPSK | 50 | 24 | 18.63 | 18.67 | 18.63 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.63 | 18.63 | 18.52 | | | | |
| 20 | QPSK | 100 | 0 | 18.54 | 18.62 | 18.58 | | | | |
| 20 | 16QAM | 50 | 0 | 18.56 | 18.56 | 18.52 | | | | |
| 20 | 16QAM | 1 | 49 | 18.58 | 18.57 | 18.55 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 99 | 18.61 | 18.61 | 18.57 | | | | |
| 20 | 16QAM | 50 | 0 | 18.41 | 18.56 | 18.56 | | | | |
| 20 | 16QAM | 50 | 24 | 18.50 | 18.52 | 18.43 | 19.2 | 0 | | |
| 20 | 16QAM | 50 | 50 | 18.49 | 18.48 | 18.41 | | | | |
| 20 | 16QAM | 100 | 0 | 18.41 | 18.52 | 18.41 | | | | |
| 20 | 84QAM | 1 | 0 | 18.55 | 18.50 | 18.52 | | | | |
| 20 | 84QAM | 1 | 49 | 18.45 | 18.46 | 18.52 | 19.2 | 0 | | |
| 20 | 84QAM | 50 | 0 | 18.49 | 18.49 | 18.53 | | | | |
| 20 | 84QAM | 50 | 0 | 18.51 | 18.50 | 18.58 | | | | |
| 20 | 84QAM | 50 | 24 | 18.52 | 18.52 | 18.53 | 19.2 | 0 | | |
| 20 | 84QAM | 50 | 50 | 18.53 | 18.53 | 18.55 | | | | |
| 20 | 84QAM | 100 | 0 | 18.52 | 18.52 | 18.58 | | | | |
| 20 | 256QAM | 1 | 49 | 18.63 | 18.65 | 18.51 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 99 | 18.55 | 18.55 | 18.61 | | | | |
| 20 | 256QAM | 50 | 0 | 18.42 | 18.52 | 18.62 | | | | |
| 20 | 256QAM | 50 | 24 | 18.64 | 18.50 | 18.59 | 19.2 | 0 | | |
| 20 | 256QAM | 50 | 50 | 18.52 | 18.51 | 18.51 | | | | |
| 20 | 256QAM | 100 | 0 | 18.44 | 18.54 | 18.52 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 18.36 | 18.34 | 18.29 | | | | |
| 15 | QPSK | 1 | 37 | 18.28 | 18.28 | 18.29 | 19.2 | 0 | | |
| 15 | QPSK | 1 | 74 | 18.29 | 18.52 | 18.24 | | | | |
| 15 | QPSK | 36 | 0 | 18.27 | 18.44 | 18.39 | | | | |
| 15 | QPSK | 25 | 0 | 18.47 | 18.29 | 18.29 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 18.22 | 18.53 | 18.37 | | | | |
| 15 | QPSK | 75 | 0 | 18.27 | 18.39 | 18.28 | | | | |
| 15 | 16QAM | 1 | 0 | 18.32 | 18.36 | 18.26 | | | | |
| 15 | 16QAM | 1 | 37 | 18.38 | 18.34 | 18.41 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 74 | 18.31 | 18.28 | 18.31 | | | | |
| 15 | 16QAM | 36 | 0 | 18.31 | 18.28 | 18.42 | | | | |
| 15 | 16QAM | 36 | 20 | 18.02 | 18.24 | 18.25 | 19.2 | 0 | | |
| 15 | 16QAM | 36 | 39 | 18.31 | 18.28 | 18.31 | | | | |
| 15 | 16QAM | 75 | 0 | 18.11 | 18.27 | 18.35 | | | | |
| 15 | 84QAM | 1 | 0 | 18.45 | 18.38 | 18.39 | | | | |
| 15 | 84QAM | 1 | 37 | 18.39 | 18.38 | 18.42 | 19.2 | 0 | | |
| 15 | 84QAM | 1 | 74 | 18.45 | 18.25 | 18.10 | | | | |
| 15 | 84QAM | 36 | 0 | 18.25 | 18.43 | 18.14 | | | | |
| 15 | 84QAM | 36 | 20 | 18.31 | 18.23 | 18.39 | 19.2 | 0 | | |
| 15 | 84QAM | 36 | 39 | 18.36 | 18.12 | 18.31 | | | | |
| 15 | 84QAM | 75 | 0 | 18.38 | 18.32 | 18.46 | | | | |
| 15 | 256QAM | 1 | 0 | 18.38 | 18.32 | 18.46 | | | | |
| 15 | 256QAM | 1 | 37 | 18.29 | 18.35 | 18.22 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.35 | 18.22 | | | | |
| 15 | 256QAM | 36 | 0 | 18.24 | 18.33 | 18.29 | | | | |
| 15 | 256QAM | 36 | 20 | 18.33 | 18.29 | 18.21 | 19.2 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.41 | 18.45 | 18.41 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 18.17 | 18.18 | 18.16 | | | | |
| 10 | QPSK | 1 | 25 | 18.17 | 18.38 | 18.16 | 19.2 | 0 | | |
| 10 | QPSK | 1 | 49 | 18.30 | 18.41 | 18.29 | | | | |
| 10 | QPSK | 12 | 0 | 18.40 | 18.43 | 18.40 | | | | |
| 10 | QPSK | 25 | 12 | 18.46 | 18.55 | 18.31 | 19.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 18.22 | 18.53 | 18.41 | | | | |
| 10 | 16QAM | 1 | 0 | 18.36 | 18.36 | 18.34 | | | | |
| 10 | 16QAM | 1 | 24 | 18.47 | 18.37 | 18.40 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.36 | 18.36 | 18.35 | | | | |
| 10 | 16QAM | 25 | 0 | 18.21 | 18.44 | 18.34 | | | | |
| 10 | 16QAM | 25 | 12 | 18.21 | 18.06 | 18.12 | 19.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.22 | 18.26 | 18.22 | | | | |
| 10 | 16QAM | 50 | 0 | 18.26 | 18.42 | 18.30 | | | | |
| 10 | 84QAM | 1 | 0 | 18.48 | 18.49 | 18.53 | | | | |
| 10 | 84QAM | 1 | 24 | 18.20 | 18.36 | 18.38 | 19.2 | 0 | | |
| 10 | 84QAM | 1 | 49 | 18.46 | 18.35 | 18.30 | | | | |
| 10 | 84QAM | 25 | 0 | 18.24 | 18.46 | 18.29 | | | | |
| 10 | 84QAM | 25 | 12 | 18.28 | 18.46 | 18.24 | 19.2 | 0 | | |
| 10 | 84QAM | 50 | 0 | 18.39 | 18.43 | 18.45 | | | | |
| 10 | 256QAM | 1 | 0 | 18.41 | 18.41 | 18.45 | | | | |
| 10 | 256QAM | 1 | 24 | 18.25 | 18.42 | 18.25 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.42 | 18.45 | | | | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.42 | 18.45 | | | | |
| 10 | 256QAM | 25 | 12 | 18.22 | 18.22 | 18.30 | 19.2 | 0 | | |
| 10 | 256QAM | 25 | 25 | 18.30 | 18.41 | 18.41 | | | | |
| 10 | 256QAM | 50 | 0 | 18.44 | 18.39 | 18.39 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 18.27 | 18.26 | 18.27 | | | | |
| 5 | QPSK | 1 | 12 | 18.13 | 18.54 | 18.17 | 19.2 | 0 | | |
| 5 | QPSK | 1 | 24 | 18.22 | 18.43 | 18.40 | | | | |
| 5 | QPSK | 12 | 0 | 18.42 | 18.44 | 18.44 | | | | |
| 5 | QPSK | 12 | 7 | 18.54 | 18.42 | 18.36 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.17 | 18.38 | 18.49 | | | | |
| 5 | QPSK | 25 | 0 | 18.25 | 18.53 | 18.22 | | | | |
| 5 | 16QAM | 1 | 0 | 18.29 | 18.44 | 18.27 | | | | |
| 5 | 16QAM | 1 | 12 | 18.43 | 18.28 | 18.43 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 24 | 18.37 | 18.28 | 18.35 | | | | |
| 5 | 16QAM | 12 | 0 | 18.23 | 18.37 | 18.34 | | | | |
| 5 | 16QAM | 12 | 7 | 18.23 | 18.15 | 18.12 | 19.2 | 0 | | |
| 5 | 16QAM | 12 | 13 | 18.28 | 18.21 | 18.25 | | | | |
| 5 | 84QAM | 1 | 0 | 18.49 | 18.36 | 18.34 | | | | |
| 5 | 84QAM | 1 | 12 | 18.31 | 18.42 | 18.27 | 19.2 | 0 | | |
| 5 | 84QAM | 1 | 24 | 18.37 | 18.31 | 18.25 | | | | |
| 5 | 84QAM | 12 | 0 | 18.35 | 18.29 | 18.25 | | | | |
| 5 | 84QAM | 12 | 7 | 18.02 | 18.35 | 18.20 | 19.2 | 0 | | |
| 5 | 84QAM | 12 | 13 | 18.35 | 18.12 | 18.44 | | | | |
| 5 | 84QAM | 25 | 0 | 18.40 | 18.24 | 18.34 | | | | |
| 5 | 256QAM | 1 | 0 | 18.41 | 18.28 | 18.28 | | | | |
| 5 | 256QAM | 1 | 12 | 18.20 | 18.44 | 18.27 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.39 | 18.35 | 18.31 | | | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.31 | 18.43 | | | | |
| 5 | 256QAM | 12 | 7 | 18.18 | 18.28 | 18.30 | 19.2 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.39 | 18.55 | 18.19 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 18.11 | 18.44 | 18.17 | | | | |
| 3 | QPSK | 1 | 8 | 18.24 | 18.44 | 18.17 | 19.2 | 0 | | |
| 3 | QPSK | 1 | 14 | 18.20 | 18.53 | 18.23 | | | | |
| 3 | QPSK | 8 | 0 | 18.28 | 18.47 | 18.35 | | | | |
| 3 | QPSK | 8 | 4 | 18.57 | 18.52 | 18.37 | 19.2 | 0 | | |
| 3 | QPSK | 8 | 7 | 18.26 | 18.43 | 18.38 | | | | |
| 3 | QPSK | 15 | 0 | 18.31 | 18.35 | 18.26 | | | | |
| 3 | 16QAM | 1 | 0 | 18.45 | 18.27 | 18.29 | | | | |
| 3 | 16QAM | 1 | 8 | 18.34 | 18.39 | 18.52 | 19.2 | 0 | | |
| 3 | 16QAM | 1 | 14 | 18.27 | 18.47 | 18.42 | | | | |
| 3 | 16QAM | 8 | 0 | 18.26 | 18.24 | 18.47 | | | | |
| 3 | 16QAM | 8 | 4 | 18.17 | 18.07 | 18.21 | 19.2 | 0 | | |
| 3 | 16QAM | 8 | 7 | 18.29 | 18.21 | 18.21 | | | | |
| 3 | 16QAM | 15 | 0 | 18.31 | 18.42 | 18.37 | | | | |
| 3 | 84QAM | 1 | 0 | 18.42 | 18.42 | 18.46 | | | | |
| 3 | 84QAM | 1 | 8 | 18.36 | 18.35 | 18.35 | 19.2 | 0 | | |
| 3 | 84QAM | 1 | 14 | 18.48 | 18.33 | 18.32 | | | | |
| 3 | 84QAM | 8 | 0 | 18.37 | 18.41 | 18.39 | | | | |
| 3 | 84QAM | 8 | 4 | 18.06 | 18.48 | 18.23 | 19.2 | 0 | | |
| 3 | 84QAM | 8 | 7 | 18.20 | 18.15 | 18.36 | | | | |
| 3 | 84QAM | 15 | 0 | 18.31 | 18.26 | | | | | |



| Band 38 Ant2 DSI1 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 21.60 | 21.65 | 21.63 | 22.2 | 0 | | |
| 20 | QPSK | 1 | 49 | 21.56 | 21.45 | 21.42 | | | | |
| 20 | QPSK | 1 | 99 | 21.41 | 21.50 | 21.31 | | | | |
| 20 | QPSK | 50 | 0 | 21.54 | 21.62 | 21.59 | | | | |
| 20 | QPSK | 50 | 24 | 21.52 | 21.40 | 21.52 | 22.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 21.57 | 21.54 | 21.36 | | | | |
| 20 | QPSK | 100 | 0 | 21.51 | 21.58 | 21.54 | | | | |
| 20 | 16QAM | 1 | 0 | 21.36 | 21.47 | 21.43 | | | | |
| 20 | 16QAM | 1 | 49 | 21.47 | 21.44 | 21.38 | 22.2 | 0 | | |
| 20 | 16QAM | 1 | 99 | 21.47 | 21.53 | 21.40 | | | | |
| 20 | 16QAM | 50 | 0 | 21.56 | 21.62 | 21.51 | | | | |
| 20 | 16QAM | 50 | 24 | 21.46 | 21.58 | 21.50 | | | | |
| 20 | 16QAM | 50 | 50 | 21.57 | 21.62 | 21.53 | 22.2 | 0 | | |
| 20 | 16QAM | 100 | 0 | 21.51 | 21.59 | 21.51 | | | | |
| 20 | 64QAM | 1 | 0 | 21.58 | 21.64 | 21.55 | | | | |
| 20 | 64QAM | 1 | 49 | 21.47 | 21.49 | 21.37 | | | | |
| 20 | 64QAM | 1 | 99 | 21.46 | 21.60 | 21.48 | 22.2 | 0 | | |
| 20 | 64QAM | 50 | 0 | 21.54 | 21.52 | 21.58 | | | | |
| 20 | 64QAM | 50 | 24 | 21.47 | 21.45 | 21.38 | | | | |
| 20 | 64QAM | 50 | 50 | 21.50 | 21.57 | 21.51 | | | | |
| 20 | 64QAM | 100 | 0 | 21.50 | 21.52 | 21.57 | 20.7 | 1.5 | | |
| 20 | 256QAM | 1 | 0 | 19.89 | 20.02 | 19.93 | | | | |
| 20 | 256QAM | 1 | 49 | 19.79 | 19.99 | 19.85 | | | | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.95 | 19.86 | | | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.22 | 20.06 | 20.7 | 1.5 | | |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.05 | 20.04 | | | | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.16 | 20.00 | | | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.07 | 20.00 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 21.58 | 21.60 | 21.42 | 22.2 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.51 | 21.30 | 21.34 | | | | |
| 15 | QPSK | 1 | 74 | 21.42 | 21.30 | 21.15 | | | | |
| 15 | QPSK | 36 | 0 | 21.43 | 21.63 | 21.60 | | | | |
| 15 | QPSK | 36 | 20 | 21.45 | 21.20 | 21.36 | 22.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 21.49 | 21.38 | 21.17 | | | | |
| 15 | QPSK | 75 | 0 | 21.38 | 21.45 | 21.56 | | | | |
| 15 | 16QAM | 1 | 0 | 21.27 | 21.38 | 21.31 | | | | |
| 15 | 16QAM | 1 | 37 | 21.26 | 21.45 | 21.27 | 22.2 | 0 | | |
| 15 | 16QAM | 1 | 74 | 21.47 | 21.44 | 21.27 | | | | |
| 15 | 16QAM | 36 | 0 | 21.47 | 21.61 | 21.42 | | | | |
| 15 | 16QAM | 36 | 20 | 21.43 | 21.50 | 21.45 | | | | |
| 15 | 16QAM | 36 | 39 | 21.48 | 21.56 | 21.38 | 22.2 | 0 | | |
| 15 | 16QAM | 75 | 0 | 21.41 | 21.46 | 21.45 | | | | |
| 15 | 64QAM | 1 | 0 | 21.47 | 21.51 | 21.41 | | | | |
| 15 | 64QAM | 1 | 37 | 21.34 | 21.46 | 21.25 | | | | |
| 15 | 64QAM | 1 | 74 | 21.41 | 21.54 | 21.41 | 22.2 | 0 | | |
| 15 | 64QAM | 36 | 0 | 21.44 | 21.33 | 21.38 | | | | |
| 15 | 64QAM | 36 | 20 | 21.31 | 21.45 | 21.22 | | | | |
| 15 | 64QAM | 36 | 39 | 21.31 | 21.57 | 21.30 | | | | |
| 15 | 64QAM | 75 | 0 | 21.52 | 21.44 | 21.52 | 20.7 | 1.5 | | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.94 | 19.90 | | | | |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.88 | 19.77 | | | | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.87 | 19.77 | | | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.09 | 20.02 | 20.7 | 1.5 | | |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.99 | 19.92 | | | | |
| 15 | 256QAM | 36 | 39 | 19.96 | 20.03 | 19.86 | | | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 20.01 | 19.96 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 21.57 | 21.55 | 21.50 | 22.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 21.39 | 21.25 | 21.42 | | | | |
| 10 | QPSK | 1 | 49 | 21.29 | 21.44 | 21.27 | | | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.46 | 21.46 | | | | |
| 10 | QPSK | 25 | 12 | 21.34 | 21.40 | 21.52 | 22.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 21.37 | 21.52 | 21.34 | | | | |
| 10 | QPSK | 50 | 0 | 21.37 | 21.40 | 21.48 | | | | |
| 10 | 16QAM | 1 | 0 | 21.23 | 21.27 | 21.41 | | | | |
| 10 | 16QAM | 1 | 25 | 21.37 | 21.36 | 21.25 | 22.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.37 | 21.35 | | | | |
| 10 | 16QAM | 25 | 0 | 21.48 | 21.54 | 21.47 | | | | |
| 10 | 16QAM | 25 | 12 | 21.40 | 21.49 | 21.45 | | | | |
| 10 | 16QAM | 25 | 25 | 21.44 | 21.56 | 21.44 | 22.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 21.39 | 21.55 | 21.47 | | | | |
| 10 | 64QAM | 1 | 0 | 21.44 | 21.59 | 21.40 | | | | |
| 10 | 64QAM | 1 | 25 | 21.41 | 21.40 | 21.29 | | | | |
| 10 | 64QAM | 1 | 49 | 21.33 | 21.49 | 21.44 | 22.2 | 0 | | |
| 10 | 64QAM | 25 | 0 | 21.55 | 21.38 | 21.50 | | | | |
| 10 | 64QAM | 25 | 12 | 21.48 | 21.32 | 21.33 | | | | |
| 10 | 64QAM | 25 | 25 | 21.35 | 21.53 | 21.34 | | | | |
| 10 | 64QAM | 50 | 0 | 21.46 | 21.53 | 21.54 | 20.7 | 1.5 | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | | | | |
| 10 | 256QAM | 1 | 25 | 19.67 | 19.91 | 19.78 | | | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.86 | 19.80 | | | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.13 | 19.96 | 20.7 | 1.5 | | |
| 10 | 256QAM | 25 | 12 | 19.82 | 19.93 | 19.95 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 20.10 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.97 | 19.92 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 21.56 | 21.59 | 21.60 | 22.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 21.57 | 21.27 | 21.24 | | | | |
| 5 | QPSK | 1 | 24 | 21.42 | 21.49 | 21.14 | | | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.61 | 21.43 | | | | |
| 5 | QPSK | 12 | 7 | 21.44 | 21.38 | 21.38 | 22.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 21.36 | 21.43 | 21.31 | | | | |
| 5 | QPSK | 25 | 0 | 21.31 | 21.41 | 21.50 | | | | |
| 5 | 16QAM | 1 | 0 | 21.20 | 21.30 | 21.45 | | | | |
| 5 | 16QAM | 1 | 12 | 21.30 | 21.28 | 21.32 | 22.2 | 0 | | |
| 5 | 16QAM | 1 | 24 | 21.28 | 21.48 | 21.35 | | | | |
| 5 | 16QAM | 12 | 0 | 21.52 | 21.59 | 21.37 | | | | |
| 5 | 16QAM | 12 | 7 | 21.32 | 21.46 | 21.39 | | | | |
| 5 | 16QAM | 12 | 13 | 21.53 | 21.51 | 21.44 | 22.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 21.38 | 21.50 | 21.39 | | | | |
| 5 | 64QAM | 1 | 0 | 21.46 | 21.55 | 21.51 | | | | |
| 5 | 64QAM | 1 | 12 | 21.37 | 21.41 | 21.25 | | | | |
| 5 | 64QAM | 1 | 24 | 21.41 | 21.55 | 21.39 | 22.2 | 0 | | |
| 5 | 64QAM | 12 | 0 | 21.37 | 21.47 | 21.37 | | | | |
| 5 | 64QAM | 12 | 7 | 21.38 | 21.44 | 21.36 | | | | |
| 5 | 64QAM | 12 | 13 | 21.45 | 21.53 | 21.53 | | | | |
| 5 | 64QAM | 25 | 0 | 21.34 | 21.38 | 21.53 | 20.7 | 1.5 | | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.89 | 19.76 | | | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.86 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.16 | 19.93 | 20.7 | 1.5 | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.93 | 19.94 | | | | |
| 5 | 256QAM | 12 | 13 | 19.98 | 20.11 | 19.90 | | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.02 | 19.93 | | | | |

| Band 41 Ant2 DSI1 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.24 | 22.26 | 22.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 21.87 | 22.10 | 21.96 | | | | |
| 20 | QPSK | 1 | 99 | 22.13 | 22.08 | 22.14 | | | | |
| 20 | QPSK | 50 | 0 | 22.03 | 22.18 | 22.24 | | | | |
| 20 | QPSK | 50 | 24 | 22.07 | 22.21 | 22.15 | 22.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 22.00 | 22.20 | 22.05 | | | | |
| 20 | QPSK | 100 | 0 | 22.06 | 22.15 | 22.20 | | | | |
| 20 | 16QAM | 1 | 0 | 21.88 | 22.05 | 22.04 | | | | |
| 20 | 16QAM | 1 | 49 | 22.09 | 22.07 | 22.19 | 22.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 22.19 | 22.01 | 22.19 | | | | |
| 20 | 16QAM | 50 | 0 | 21.79 | 21.90 | 21.94 | | | | |
| 20 | 16QAM | 50 | 24 | 21.99 | 22.09 | 22.06 | | | | |
| 20 | 16QAM | 50 | 50 | 22.01 | 22.05 | 22.08 | 22.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 22.15 | 21.89 | 22.13 | | | | |
| 20 | 64QAM | 1 | 0 | 21.84 | 22.08 | 22.03 | | | | |
| 20 | 64QAM | 1 | 49 | 21.76 | 22.02 | 21.98 | | | | |
| 20 | 64QAM | 1 | 99 | 21.82 | 22.05 | 22.00 | 22.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 22.02 | 22.09 | 22.18 | | | | |
| 20 | 64QAM | 50 | 24 | 21.87 | 21.91 | 22.01 | | | | |
| 20 | 64QAM | 50 | 50 | 22.08 | 22.02 | 22.09 | | | | |
| 20 | 64QAM | 100 | 0 | 22.03 | 22.06 | 22.17 | 20.7 | 2 | | |
| 20 | 256QAM | 1 | 0 | 20.01 | 19.97 | 20.12 | | | | |
| 20 | 256QAM | 1 | 49 | 19.91 | 19.88 | 19.97 | | | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 19.88 | 20.01 | | | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.00 | 20.14 | 20.7 | 2 | | |
| 20 | 256QAM | 50 | 24 | 19.88 | 19.92 | 20.05 | | | | |
| 20 | 256QAM | 50 | 50 | 20.00 | 19.97 | 20.07 | | | | |
| 20 | 256QAM | 100 | 0 | 20.08 | 20.01 | 20.17 | | | | |
| Channel | | | | 39725 | 40173 | 40620 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | | | | |
| 15 | QPSK | 1 | 0 | 22.13 | 22.09 | 22.23 | 23 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.76 | 21.95 | 21.78 | | | | |
| 15 | QPSK | 1 | 74 | 22.10 | 22.07 | 22.11 | | | | |
| 15 | QPSK | 36 | 0 | 21.83 | 22.17 | 22.11 | | | | |
| 15 | QPSK | 36 | 20 | 22.03 | 22.15 | 21.97 | 22.7 | 0 | | |
| 15 | QPSK | 36 | | | | | | | | |



| | | WCDMA IV Art3 DS11 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 21.87 | 21.88 | 21.85 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 21.88 | 21.90 | 21.86 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.74 | 20.87 | 20.78 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 20.79 | 21.05 | 20.68 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.38 | 20.40 | 20.38 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.31 | 20.44 | 20.47 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 20.92 | 21.06 | 20.91 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 20.73 | 20.72 | 20.79 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.36 | 20.36 | 20.40 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.47 | 20.42 | 20.24 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 20.74 | 20.86 | 21.08 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 18.93 | 18.70 | 18.95 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 19.88 | 19.96 | 19.90 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 18.82 | 19.04 | 18.87 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.91 | 20.89 | 21.10 | 22.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.31 | 18.52 | 18.47 | 19.50 |



| Band 4 Ant3 DSH-Other PA | | | | | | | | | | |
|--------------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|------|---|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Turn-up limit (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.20 | 21.20 | 21.23 | | | 21.7 | 0 |
| 20 | QPSK | 1 | 49 | 21.14 | 21.14 | 21.17 | | | | |
| 20 | QPSK | 1 | 99 | 20.98 | 21.03 | 21.06 | | | | |
| 20 | QPSK | 50 | 0 | 21.20 | 21.20 | 21.19 | | | | |
| 20 | QPSK | 50 | 24 | 21.17 | 21.17 | 21.17 | | | | |
| 20 | QPSK | 50 | 50 | 21.01 | 21.03 | 21.07 | | | 21.7 | 0 |
| 20 | QPSK | 100 | 0 | 21.18 | 21.23 | 21.15 | | | | |
| 20 | 16QAM | 1 | 0 | 21.17 | 21.09 | 21.07 | | | | |
| 20 | 16QAM | 1 | 49 | 21.01 | 20.98 | 21.07 | | | 21.7 | 0 |
| 20 | 16QAM | 1 | 99 | 21.14 | 21.16 | 21.03 | | | | |
| 20 | 16QAM | 50 | 0 | 20.98 | 20.99 | 21.06 | | | | |
| 20 | 16QAM | 50 | 24 | 20.94 | 21.01 | 20.90 | | | 21.7 | 0 |
| 20 | 16QAM | 50 | 50 | 21.00 | 20.91 | 20.91 | | | | |
| 20 | 16QAM | 100 | 0 | 20.93 | 20.96 | 20.96 | | | | |
| 20 | 84QAM | 1 | 0 | 20.99 | 20.99 | 21.13 | | | 21.7 | 0 |
| 20 | 84QAM | 1 | 49 | 20.88 | 21.04 | 21.13 | | | | |
| 20 | 84QAM | 50 | 0 | 20.99 | 20.99 | 21.13 | | | | |
| 20 | 84QAM | 50 | 24 | 21.08 | 21.07 | 20.97 | | | 21.7 | 0 |
| 20 | 84QAM | 50 | 50 | 20.93 | 20.93 | 20.96 | | | | |
| 20 | 84QAM | 100 | 0 | 21.13 | 21.14 | 20.99 | | | | |
| 20 | 256QAM | 1 | 0 | 20.10 | 20.16 | 20.08 | | | | |
| 20 | 256QAM | 1 | 49 | 19.96 | 19.93 | 19.98 | | | 20.7 | 1 |
| 20 | 256QAM | 1 | 99 | 20.09 | 20.12 | 19.98 | | | | |
| 20 | 256QAM | 50 | 0 | 19.92 | 19.92 | 19.92 | | | | |
| 20 | 256QAM | 50 | 24 | 19.82 | 19.98 | 19.90 | | | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.01 | 19.95 | | | 20.7 | 1 |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.07 | 20.07 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.17 | 17.17 | 17.17 | | | 21.7 | 0 |
| 15 | QPSK | 1 | 37 | 17.02 | 17.02 | 17.04 | | | | |
| 15 | QPSK | 1 | 74 | 20.91 | 20.88 | 20.96 | | | | |
| 15 | QPSK | 36 | 0 | 21.19 | 21.24 | 21.09 | | | 21.7 | 0 |
| 15 | QPSK | 36 | 25 | 21.16 | 21.09 | 20.91 | | | | |
| 15 | QPSK | 36 | 39 | 20.89 | 20.89 | 20.94 | | | | |
| 15 | QPSK | 75 | 0 | 21.02 | 21.12 | 21.06 | | | | |
| 15 | 16QAM | 1 | 0 | 21.19 | 20.93 | 20.83 | | | 21.7 | 0 |
| 15 | 16QAM | 1 | 37 | 20.95 | 20.91 | 20.90 | | | | |
| 15 | 16QAM | 1 | 74 | 20.85 | 20.84 | 20.90 | | | | |
| 15 | 16QAM | 36 | 0 | 20.85 | 20.94 | 20.90 | | | 21.7 | 0 |
| 15 | 16QAM | 36 | 25 | 20.74 | 20.92 | 20.89 | | | | |
| 15 | 16QAM | 36 | 39 | 20.89 | 20.89 | 20.89 | | | | |
| 15 | 16QAM | 75 | 0 | 20.68 | 20.78 | 20.82 | | | | |
| 15 | 84QAM | 1 | 0 | 20.92 | 20.87 | 21.01 | | | 21.7 | 0 |
| 15 | 84QAM | 1 | 37 | 20.86 | 21.09 | 21.01 | | | | |
| 15 | 84QAM | 1 | 74 | 21.03 | 20.91 | 20.75 | | | | |
| 15 | 84QAM | 36 | 0 | 20.84 | 20.83 | 21.04 | | | 21.7 | 0 |
| 15 | 84QAM | 36 | 25 | 20.89 | 20.98 | 20.84 | | | | |
| 15 | 84QAM | 36 | 39 | 21.01 | 21.05 | 20.95 | | | | |
| 15 | 84QAM | 75 | 0 | 20.97 | 20.80 | 20.99 | | | | |
| 15 | 256QAM | 1 | 0 | 20.05 | 20.05 | 20.05 | | | | |
| 15 | 256QAM | 1 | 37 | 19.99 | 19.99 | 19.90 | | | 20.7 | 1 |
| 15 | 256QAM | 1 | 74 | 20.02 | 20.07 | 19.88 | | | | |
| 15 | 256QAM | 36 | 0 | 19.92 | 19.92 | 19.92 | | | | |
| 15 | 256QAM | 36 | 25 | 19.77 | 19.85 | 19.75 | | | 20.7 | 1 |
| 15 | 256QAM | 36 | 39 | 19.79 | 19.87 | 19.80 | | | | |
| 15 | 256QAM | 75 | 0 | 19.98 | 19.98 | 19.98 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.00 | 21.00 | 21.00 | | | 21.7 | 0 |
| 10 | QPSK | 1 | 25 | 21.02 | 21.00 | 21.00 | | | | |
| 10 | QPSK | 1 | 49 | 21.00 | 20.91 | 21.07 | | | | |
| 10 | QPSK | 12 | 0 | 21.16 | 21.16 | 21.16 | | | | |
| 10 | QPSK | 25 | 12 | 21.03 | 21.13 | 20.89 | | | 21.7 | 0 |
| 10 | QPSK | 25 | 25 | 20.81 | 20.85 | 20.94 | | | | |
| 10 | 16QAM | 1 | 0 | 21.06 | 20.96 | 20.96 | | | | |
| 10 | 16QAM | 1 | 0 | 21.00 | 20.94 | 20.85 | | | 21.7 | 0 |
| 10 | 16QAM | 1 | 24 | 20.89 | 20.83 | 21.08 | | | | |
| 10 | 16QAM | 1 | 49 | 20.86 | 20.86 | 20.86 | | | | |
| 10 | 16QAM | 12 | 0 | 20.78 | 20.89 | 20.94 | | | 21.7 | 0 |
| 10 | 16QAM | 12 | 12 | 20.86 | 20.91 | 20.78 | | | | |
| 10 | 16QAM | 12 | 25 | 21.01 | 20.94 | 20.84 | | | | |
| 10 | 16QAM | 50 | 0 | 20.62 | 20.78 | 20.89 | | | | |
| 10 | 84QAM | 1 | 0 | 20.92 | 20.71 | 21.14 | | | 21.7 | 0 |
| 10 | 84QAM | 1 | 24 | 20.74 | 20.74 | 20.89 | | | | |
| 10 | 84QAM | 1 | 49 | 20.81 | 20.85 | 20.79 | | | | |
| 10 | 84QAM | 25 | 0 | 20.92 | 20.99 | 20.94 | | | 21.7 | 0 |
| 10 | 84QAM | 25 | 12 | 21.00 | 20.94 | 20.95 | | | | |
| 10 | 84QAM | 25 | 25 | 21.08 | 21.04 | 20.79 | | | | |
| 10 | 84QAM | 50 | 0 | 21.07 | 20.89 | 20.92 | | | | |
| 10 | 256QAM | 1 | 0 | 19.97 | 19.97 | 19.97 | | | | |
| 10 | 256QAM | 1 | 24 | 19.90 | 19.92 | 19.79 | | | 20.7 | 1 |
| 10 | 256QAM | 1 | 49 | 20.03 | 20.02 | 19.79 | | | | |
| 10 | 256QAM | 12 | 0 | 19.83 | 19.80 | 19.83 | | | | |
| 10 | 256QAM | 12 | 12 | 19.72 | 19.85 | 19.83 | | | 20.7 | 1 |
| 10 | 256QAM | 12 | 25 | 19.81 | 19.89 | 19.82 | | | | |
| 10 | 256QAM | 50 | 0 | 19.98 | 19.98 | 19.98 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 20.99 | 20.99 | 20.99 | | | 21.7 | 0 |
| 5 | QPSK | 1 | 12 | 21.06 | 21.02 | 21.00 | | | | |
| 5 | QPSK | 1 | 24 | 20.89 | 20.87 | 21.08 | | | | |
| 5 | QPSK | 12 | 0 | 21.16 | 21.16 | 21.16 | | | | |
| 5 | QPSK | 12 | 7 | 21.16 | 21.13 | 20.85 | | | | |
| 5 | QPSK | 12 | 13 | 20.82 | 20.92 | 20.95 | | | 21.7 | 0 |
| 5 | QPSK | 25 | 0 | 20.98 | 21.24 | 20.83 | | | | |
| 5 | 16QAM | 1 | 0 | 21.09 | 20.98 | 20.89 | | | 21.7 | 0 |
| 5 | 16QAM | 1 | 12 | 21.02 | 20.80 | 21.07 | | | | |
| 5 | 16QAM | 12 | 0 | 20.97 | 21.01 | 20.89 | | | | |
| 5 | 16QAM | 12 | 7 | 20.81 | 20.86 | 20.92 | | | 21.7 | 0 |
| 5 | 16QAM | 12 | 13 | 20.94 | 20.98 | 20.84 | | | | |
| 5 | 16QAM | 25 | 0 | 20.84 | 20.74 | 20.87 | | | | |
| 5 | 84QAM | 1 | 0 | 20.83 | 20.91 | 21.12 | | | 21.7 | 0 |
| 5 | 84QAM | 1 | 12 | 21.05 | 20.99 | 21.02 | | | | |
| 5 | 84QAM | 1 | 24 | 21.00 | 20.68 | 20.89 | | | | |
| 5 | 84QAM | 12 | 0 | 20.88 | 20.90 | 21.10 | | | 21.7 | 0 |
| 5 | 84QAM | 12 | 7 | 20.92 | 20.99 | 20.77 | | | | |
| 5 | 84QAM | 12 | 13 | 20.86 | 21.14 | 20.77 | | | | |
| 5 | 84QAM | 25 | 0 | 21.02 | 20.91 | 21.03 | | | | |
| 5 | 256QAM | 1 | 0 | 20.01 | 20.01 | 20.01 | | | | |
| 5 | 256QAM | 1 | 12 | 19.92 | 19.99 | 19.77 | | | 20.7 | 1 |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.02 | 19.84 | | | | |
| 5 | 256QAM | 12 | 0 | 19.83 | 19.84 | 19.82 | | | | |
| 5 | 256QAM | 12 | 7 | 19.70 | 19.89 | 19.79 | | | 20.7 | 1 |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.89 | 19.82 | | | | |
| 5 | 256QAM | 25 | 0 | 19.97 | 20.01 | 20.00 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 21.16 | 21.22 | 21.13 | | | 21.7 | 0 |
| 3 | QPSK | 1 | 8 | 21.14 | 21.14 | 21.07 | | | | |
| 3 | QPSK | 1 | 14 | 20.76 | 21.00 | 21.06 | | | | |
| 3 | QPSK | 8 | 0 | 21.19 | 21.14 | 21.15 | | | | |
| 3 | QPSK | 8 | 4 | 20.88 | 20.99 | 21.00 | | | 21.7 | 0 |
| 3 | QPSK | 8 | 7 | 20.84 | 20.93 | 20.87 | | | | |
| 3 | QPSK | 15 | 0 | 21.08 | 21.19 | 21.07 | | | | |
| 3 | 16QAM | 1 | 0 | 20.98 | 21.03 | 20.93 | | | 21.7 | 0 |
| 3 | 16QAM | 1 | 8 | 20.99 | 20.94 | 20.90 | | | | |
| 3 | 16QAM | 1 | 14 | 21.09 | 21.06 | 21.02 | | | | |
| 3 | 16QAM | 8 | 0 | 20.88 | 20.81 | 20.84 | | | 21.7 | 0 |
| 3 | 16QAM | 8 | 4 | 20.82 | 20.90 | 20.84 | | | | |
| 3 | 16QAM | 15 | 0 | 21.00 | 20.99 | 20.78 | | | | |
| 3 | 16QAM | 15 | 0 | 20.87 | 20.77 | 20.79 | | | | |
| 3 | 84QAM | 1 | 0 | 20.83 | 20.79 | 21.02 | | | 21.7 | 0 |
| 3 | 84QAM | 1 | 8 | 20.74 | 20.99 | 21.00 | | | | |
| 3 | 84QAM | 1 | 14 | 21.05 | | | | | | |



| Band 38 Ant3 DSI1-Other PA | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 19.62 | 19.69 | 19.63 | 20.2 | 0 | | |
| 20 | QPSK | 1 | 49 | 19.55 | 19.61 | 19.58 | | | | |
| 20 | QPSK | 1 | 99 | 19.51 | 19.65 | 19.52 | | | | |
| 20 | QPSK | 50 | 0 | 19.61 | 19.65 | 19.59 | 20.2 | 0 | | |
| 20 | QPSK | 50 | 24 | 19.64 | 19.50 | 19.40 | | | | |
| 20 | QPSK | 50 | 50 | 19.64 | 19.57 | 19.53 | | | | |
| 20 | QPSK | 100 | 0 | 19.58 | 19.60 | 19.53 | 20.2 | 0 | | |
| 20 | 16QAM | 1 | 0 | 19.57 | 19.66 | 19.47 | | | | |
| 20 | 16QAM | 1 | 49 | 19.63 | 19.53 | 19.58 | | | | |
| 20 | 16QAM | 1 | 99 | 19.67 | 19.58 | 19.62 | 20.2 | 0 | | |
| 20 | 16QAM | 50 | 0 | 19.47 | 19.49 | 19.53 | | | | |
| 20 | 16QAM | 50 | 24 | 19.46 | 19.62 | 19.47 | | | | |
| 20 | 16QAM | 50 | 50 | 19.52 | 19.46 | 19.40 | 20.2 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.32 | 19.55 | 19.60 | | | | |
| 20 | 64QAM | 1 | 0 | 19.65 | 19.44 | 19.51 | | | | |
| 20 | 64QAM | 1 | 49 | 19.39 | 19.50 | 19.49 | 20.2 | 0 | | |
| 20 | 64QAM | 1 | 99 | 19.57 | 19.52 | 19.45 | | | | |
| 20 | 64QAM | 50 | 0 | 19.61 | 19.61 | 19.61 | | | | |
| 20 | 64QAM | 50 | 24 | 19.52 | 19.50 | 19.55 | 20.2 | 0 | | |
| 20 | 64QAM | 50 | 50 | 19.49 | 19.49 | 19.63 | | | | |
| 20 | 64QAM | 100 | 0 | 19.67 | 19.61 | 19.55 | | | | |
| 20 | 256QAM | 1 | 0 | 19.52 | 19.49 | 19.59 | 20.2 | 0 | | |
| 20 | 256QAM | 1 | 49 | 19.63 | 19.61 | 19.56 | | | | |
| 20 | 256QAM | 1 | 99 | 19.45 | 19.40 | 19.68 | | | | |
| 20 | 256QAM | 50 | 0 | 19.51 | 19.57 | 19.50 | 20.2 | 0 | | |
| 20 | 256QAM | 50 | 24 | 19.63 | 19.43 | 19.62 | | | | |
| 20 | 256QAM | 50 | 50 | 19.47 | 19.44 | 19.43 | | | | |
| 20 | 256QAM | 100 | 0 | 19.58 | 19.53 | 19.68 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.54 | 19.48 | 19.60 | 20.2 | 0 | | |
| 15 | QPSK | 1 | 37 | 19.56 | 19.47 | 19.39 | | | | |
| 15 | QPSK | 1 | 74 | 19.33 | 19.54 | 19.33 | | | | |
| 15 | QPSK | 36 | 0 | 19.45 | 19.54 | 19.56 | 20.2 | 0 | | |
| 15 | QPSK | 36 | 20 | 19.58 | 19.37 | 19.22 | | | | |
| 15 | QPSK | 36 | 39 | 19.45 | 19.53 | 19.51 | | | | |
| 15 | QPSK | 75 | 0 | 19.38 | 19.54 | 19.34 | 20.2 | 0 | | |
| 15 | 16QAM | 1 | 0 | 19.53 | 19.65 | 19.28 | | | | |
| 15 | 16QAM | 1 | 37 | 19.49 | 19.45 | 19.39 | | | | |
| 15 | 16QAM | 1 | 74 | 19.55 | 19.42 | 19.42 | 20.2 | 0 | | |
| 15 | 16QAM | 36 | 0 | 19.35 | 19.35 | 19.45 | | | | |
| 15 | 16QAM | 36 | 20 | 19.46 | 19.55 | 19.49 | | | | |
| 15 | 16QAM | 36 | 39 | 19.32 | 19.32 | 19.36 | 20.2 | 0 | | |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.39 | 19.47 | | | | |
| 15 | 64QAM | 1 | 0 | 19.46 | 19.33 | 19.45 | | | | |
| 15 | 64QAM | 1 | 37 | 19.20 | 19.39 | 19.29 | 20.2 | 0 | | |
| 15 | 64QAM | 1 | 74 | 19.54 | 19.36 | 19.46 | | | | |
| 15 | 64QAM | 36 | 0 | 19.30 | 19.42 | 19.45 | | | | |
| 15 | 64QAM | 36 | 20 | 19.41 | 19.50 | 19.45 | 20.2 | 0 | | |
| 15 | 64QAM | 36 | 39 | 19.50 | 19.42 | 19.50 | | | | |
| 15 | 64QAM | 75 | 0 | 19.56 | 19.57 | 19.54 | | | | |
| 15 | 256QAM | 1 | 0 | 19.39 | 19.47 | 19.48 | 20.2 | 0 | | |
| 15 | 256QAM | 1 | 37 | 19.60 | 19.45 | 19.46 | | | | |
| 15 | 256QAM | 1 | 74 | 19.33 | 19.36 | 19.67 | | | | |
| 15 | 256QAM | 36 | 0 | 19.48 | 19.46 | 19.52 | 20.2 | 0 | | |
| 15 | 256QAM | 36 | 20 | 19.46 | 19.26 | 19.64 | | | | |
| 15 | 256QAM | 36 | 39 | 19.32 | 19.22 | 19.39 | | | | |
| 15 | 256QAM | 75 | 0 | 19.54 | 19.34 | 19.54 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.55 | 19.67 | 19.46 | 20.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 19.35 | 19.59 | 19.38 | | | | |
| 10 | QPSK | 1 | 49 | 19.33 | 19.61 | 19.38 | | | | |
| 10 | QPSK | 25 | 0 | 19.62 | 19.66 | 19.50 | 20.2 | 0 | | |
| 10 | QPSK | 25 | 12 | 19.54 | 19.36 | 19.20 | | | | |
| 10 | QPSK | 25 | 25 | 19.59 | 19.41 | 19.39 | | | | |
| 10 | QPSK | 50 | 0 | 19.44 | 19.58 | 19.32 | 20.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 19.40 | 19.51 | 19.33 | | | | |
| 10 | 16QAM | 1 | 25 | 19.48 | 19.50 | 19.53 | | | | |
| 10 | 16QAM | 1 | 49 | 19.49 | 19.40 | 19.50 | 20.2 | 0 | | |
| 10 | 16QAM | 25 | 0 | 19.40 | 19.39 | 19.50 | | | | |
| 10 | 16QAM | 25 | 12 | 19.29 | 19.56 | 19.49 | | | | |
| 10 | 16QAM | 25 | 25 | 19.45 | 19.47 | 19.37 | 20.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 19.16 | 19.35 | 19.55 | | | | |
| 10 | 64QAM | 1 | 0 | 19.52 | 19.35 | 19.43 | | | | |
| 10 | 64QAM | 1 | 25 | 19.24 | 19.32 | 19.47 | 20.2 | 0 | | |
| 10 | 64QAM | 1 | 49 | 19.36 | 19.44 | 19.25 | | | | |
| 10 | 64QAM | 25 | 0 | 19.46 | 19.56 | 19.59 | | | | |
| 10 | 64QAM | 25 | 12 | 19.42 | 19.36 | 19.36 | 20.2 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.39 | 19.47 | 19.57 | | | | |
| 10 | 64QAM | 50 | 0 | 19.66 | 19.49 | 19.50 | | | | |
| 10 | 256QAM | 1 | 0 | 19.49 | 19.37 | 19.59 | 20.2 | 0 | | |
| 10 | 256QAM | 1 | 25 | 19.62 | 19.42 | 19.36 | | | | |
| 10 | 256QAM | 1 | 49 | 19.40 | 19.31 | 19.55 | | | | |
| 10 | 256QAM | 25 | 0 | 19.50 | 19.44 | 19.45 | 20.2 | 0 | | |
| 10 | 256QAM | 25 | 12 | 19.60 | 19.35 | 19.54 | | | | |
| 10 | 256QAM | 25 | 25 | 19.47 | 19.30 | 19.41 | | | | |
| 10 | 256QAM | 50 | 0 | 19.38 | 19.37 | 19.66 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.40 | 19.48 | 19.62 | 20.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 19.43 | 19.42 | 19.41 | | | | |
| 5 | QPSK | 1 | 24 | 19.45 | 19.46 | 19.46 | | | | |
| 5 | QPSK | 12 | 0 | 19.52 | 19.57 | 19.43 | 20.2 | 0 | | |
| 5 | QPSK | 12 | 7 | 19.63 | 19.51 | 19.24 | | | | |
| 5 | QPSK | 12 | 13 | 19.56 | 19.54 | 19.52 | | | | |
| 5 | QPSK | 25 | 0 | 19.60 | 19.46 | 19.42 | 20.2 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.38 | 19.59 | 19.46 | | | | |
| 5 | 16QAM | 1 | 12 | 19.49 | 19.53 | 19.44 | | | | |
| 5 | 16QAM | 1 | 24 | 19.57 | 19.48 | 19.60 | 20.2 | 0 | | |
| 5 | 16QAM | 12 | 0 | 19.28 | 19.49 | 19.33 | | | | |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.43 | 19.31 | | | | |
| 5 | 16QAM | 12 | 13 | 19.44 | 19.39 | 19.25 | 20.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.31 | 19.41 | 19.51 | | | | |
| 5 | 64QAM | 1 | 0 | 19.59 | 19.35 | 19.41 | | | | |
| 5 | 64QAM | 1 | 12 | 19.18 | 19.31 | 19.32 | 20.2 | 0 | | |
| 5 | 64QAM | 1 | 24 | 19.58 | 19.40 | 19.23 | | | | |
| 5 | 64QAM | 12 | 0 | 19.50 | 19.47 | 19.47 | | | | |
| 5 | 64QAM | 12 | 7 | 19.43 | 19.31 | 19.43 | 20.2 | 0 | | |
| 5 | 64QAM | 12 | 13 | 19.39 | 19.34 | 19.50 | | | | |
| 5 | 64QAM | 25 | 0 | 19.53 | 19.53 | 19.55 | | | | |
| 5 | 256QAM | 1 | 0 | 19.38 | 19.50 | 19.52 | 20.2 | 0 | | |
| 5 | 256QAM | 1 | 12 | 19.47 | 19.42 | 19.49 | | | | |
| 5 | 256QAM | 1 | 24 | 19.45 | 19.19 | 19.50 | | | | |
| 5 | 256QAM | 12 | 0 | 19.36 | 19.47 | 19.36 | 20.2 | 0 | | |
| 5 | 256QAM | 12 | 7 | 19.46 | 19.42 | 19.48 | | | | |
| 5 | 256QAM | 12 | 13 | 19.31 | 19.37 | 19.36 | | | | |
| 5 | 256QAM | 25 | 0 | 19.54 | 19.40 | 19.50 | | | | |

| Band 41 Ant3 DSI1-Other PA | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 39750 | 40185 | 40620 | | | | |
| Frequency (MHz) | | | | 2506 | 2549.5 | 2593 | | | | |
| 20 | QPSK | 1 | 0 | 21.16 | 21.20 | 21.23 | 21.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 21.12 | 21.14 | 21.03 | | | | |
| 20 | QPSK | 1 | 99 | 21.06 | 20.95 | 21.20 | | | | |
| 20 | QPSK | 50 | 0 | 21.10 | 21.19 | 21.20 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 24 | 21.12 | 21.17 | 21.11 | | | | |
| 20 | QPSK | 50 | 50 | 21.06 | 21.12 | 20.92 | | | | |
| 20 | QPSK | 100 | 0 | 21.15 | 21.15 | 21.17 | 21.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 21.12 | 21.06 | 21.05 | | | | |
| 20 | 16QAM | 1 | 49 | 21.08 | 21.05 | 21.14 | | | | |
| 20 | 16QAM | 1 | 99 | 21.09 | 21.01 | 21.10 | 21.7 | 0 | | |
| 20 | 16QAM | 50 | 0 | 20.87 | 20.94 | 20.92 | | | | |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.06 | 21.11 | | | | |
| 20 | 16QAM | 50 | 50 | 20.87 | 20.95 | 20.94 | 21.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 20.91 | 20.89 | 21.01 | | | | |
| 20 | 64QAM | 1 | 0 | 20.98 | 20.97 | 21.02 | | | | |
| 20 | 64QAM | 1 | 49 | 20.98 | 20.88 | 20.90 | 21.7 | 0 | | |
| 20 | 64QAM | 1 | 99 | 20.85 | 20.92 | 20.84 | | | | |
| 20 | 64QAM | 50 | 0 | 21.03 | 21.00 | 21.11 | | | | |
| 20 | 64QAM | 50 | 24 | 21.10 | 21.21 | 20.99 | 21.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 20.93 | 20.93 | 21.01 | | | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 21.08 | 21.13 | | | | |
| 20 | 256QAM | 1 | 0 | 20.03 | 19.89 | 20.03 | 20.7 | 1 | | |
| 20 | 256QAM | 1 | 49 | 19.94 | 19.82</ | | | | | |

GSM1900 Ant4 DSI1

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|--------|-------|---------------------------|
| | 512 | 661 | 910 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | 1850.2 | 1880 | 1909.8 | | |
| GSM 1 Tx slot | 28.27 | 28.42 | 28.32 | 29.50 | 19.27 | 19.42 | 19.32 | 20.50 |
| GPRS 1 Tx slot | 28.25 | 28.40 | 28.31 | 29.50 | 19.25 | 19.40 | 19.31 | 20.50 |
| GPRS 2 Tx slots | 25.26 | 25.32 | 25.17 | 26.50 | 19.26 | 19.32 | 19.17 | 20.50 |
| GPRS 3 Tx slots | 23.49 | 23.51 | 23.39 | 24.70 | 19.23 | 19.25 | 19.13 | 20.44 |
| GPRS 4 Tx slots | 22.21 | 22.30 | 22.12 | 23.50 | 19.21 | 19.30 | 19.12 | 20.50 |
| EDGE 1 Tx slot | 24.22 | 24.38 | 24.33 | 25.50 | 15.22 | 15.38 | 15.33 | 16.50 |
| EDGE 2 Tx slots | 21.35 | 21.51 | 21.27 | 22.50 | 15.35 | 15.51 | 15.27 | 16.50 |
| EDGE 3 Tx slots | 19.41 | 19.55 | 19.46 | 20.70 | 15.15 | 15.29 | 15.20 | 16.44 |
| EDGE 4 Tx slots | 18.37 | 18.28 | 18.34 | 19.50 | 15.37 | 15.28 | 15.34 | 16.50 |

WCDMA II Ant4 DSI1

WCDMA IV Ant4 DSI1

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|-------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | 1537 | 1638 | 1738 | | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 1712.4 | 1732.6 | 1752.6 | | |
| 3GPP Rel 99 AMR 12.2kbps | 18.08 | 18.12 | 18.07 | 19.50 | 17.18 | 17.28 | 17.21 | 18.50 |
| 3GPP Rel 99 RMC 12.2kbps | 18.09 | 18.14 | 18.08 | 19.50 | 17.19 | 17.27 | 17.23 | 18.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 17.00 | 17.08 | 16.98 | 18.50 | 15.97 | 16.22 | 16.09 | 17.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 16.89 | 17.21 | 16.87 | 18.50 | 16.13 | 16.19 | 16.02 | 17.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 16.47 | 16.56 | 16.71 | 18.00 | 15.65 | 15.62 | 15.65 | 17.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 16.54 | 16.72 | 16.62 | 18.00 | 15.74 | 15.72 | 15.76 | 17.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 17.28 | 17.06 | 17.21 | 18.50 | 16.22 | 16.25 | 16.28 | 17.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 16.88 | 17.03 | 17.04 | 18.50 | 16.01 | 16.08 | 16.11 | 17.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 16.54 | 16.57 | 16.45 | 18.00 | 15.71 | 15.60 | 15.76 | 17.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 16.60 | 16.72 | 16.65 | 18.00 | 15.52 | 15.66 | 15.62 | 17.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 17.01 | 17.11 | 17.15 | 18.50 | 16.16 | 16.24 | 16.29 | 17.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 15.14 | 14.94 | 15.12 | 16.50 | 14.27 | 14.21 | 14.20 | 15.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 16.02 | 16.19 | 16.02 | 17.50 | 15.16 | 15.29 | 15.04 | 16.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 15.19 | 15.11 | 14.89 | 16.50 | 14.09 | 14.35 | 14.01 | 15.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 17.05 | 17.04 | 17.10 | 18.50 | 15.98 | 16.22 | 16.28 | 17.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 14.49 | 14.70 | 14.51 | 16.00 | 13.75 | 13.70 | 13.58 | 15.00 |



| Band 38 Ant4 DSI1-Other PA | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 20.13 | 20.17 | 20.15 | 20.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 20.01 | 20.09 | 20.00 | | | | |
| 20 | QPSK | 1 | 99 | 19.99 | 20.13 | 20.08 | | | | |
| 20 | QPSK | 50 | 0 | 20.13 | 20.15 | 20.09 | 20.7 | 0 | | |
| 20 | QPSK | 50 | 24 | 20.08 | 20.12 | 19.91 | | | | |
| 20 | QPSK | 50 | 50 | 20.11 | 20.07 | 19.96 | | | | |
| 20 | QPSK | 100 | 0 | 20.03 | 20.11 | 20.10 | 20.7 | 0 | | |
| 20 | QPSK | 100 | 49 | 20.06 | 19.94 | 20.03 | | | | |
| 20 | 16QAM | 1 | 49 | 20.09 | 20.08 | 20.02 | 20.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 20.08 | 20.03 | 20.11 | | | | |
| 20 | 16QAM | 50 | 0 | 19.85 | 19.97 | 20.11 | 20.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 20.00 | 19.92 | 19.99 | | | | |
| 20 | 16QAM | 50 | 50 | 20.05 | 19.98 | 19.83 | | | | |
| 20 | 16QAM | 100 | 0 | 19.91 | 20.03 | 20.03 | 20.7 | 0 | | |
| 20 | 16QAM | 100 | 49 | 19.89 | 19.88 | 19.93 | | | | |
| 20 | 64QAM | 1 | 0 | 19.94 | 20.10 | 19.98 | 20.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 19.89 | 19.88 | 19.93 | | | | |
| 20 | 64QAM | 1 | 99 | 20.07 | 20.06 | 20.12 | | | | |
| 20 | 64QAM | 50 | 0 | 20.12 | 20.05 | 20.10 | 20.7 | 0 | | |
| 20 | 64QAM | 50 | 24 | 20.12 | 19.93 | 19.98 | | | | |
| 20 | 64QAM | 50 | 50 | 19.98 | 19.93 | 20.11 | 20.7 | 0 | | |
| 20 | 64QAM | 100 | 0 | 20.03 | 20.09 | 20.06 | | | | |
| 20 | 256QAM | 1 | 0 | 20.05 | 20.12 | 20.02 | 20.7 | 0 | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 20.06 | 20.00 | | | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 20.03 | 19.94 | 20.7 | 0 | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.11 | 20.05 | | | | |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.93 | 19.81 | 20.7 | 0 | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.00 | 19.88 | | | | |
| 20 | 256QAM | 100 | 0 | 19.98 | 20.11 | 20.07 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.98 | 20.04 | 20.00 | 20.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 19.87 | 19.90 | 19.87 | | | | |
| 15 | QPSK | 1 | 74 | 19.92 | 20.02 | 19.88 | 20.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 20.01 | 19.95 | 19.94 | | | | |
| 15 | QPSK | 36 | 20 | 19.96 | 20.04 | 19.73 | 20.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.97 | 19.92 | 19.75 | | | | |
| 15 | QPSK | 75 | 0 | 19.84 | 19.92 | 19.90 | 20.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 19.99 | 19.84 | 19.98 | | | | |
| 15 | 16QAM | 1 | 37 | 20.07 | 19.90 | 19.89 | 20.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.90 | 19.86 | 19.91 | | | | |
| 15 | 16QAM | 36 | 0 | 19.70 | 19.79 | 20.05 | 20.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 19.82 | 19.73 | 19.90 | | | | |
| 15 | 16QAM | 36 | 39 | 19.94 | 19.96 | 19.73 | 20.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 19.83 | 19.90 | 20.00 | | | | |
| 15 | 64QAM | 1 | 0 | 19.75 | 19.99 | 19.81 | 20.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 19.87 | 19.84 | 19.75 | | | | |
| 15 | 64QAM | 1 | 74 | 19.97 | 19.86 | 19.95 | 20.7 | 0 | | |
| 15 | 64QAM | 36 | 0 | 20.00 | 19.99 | 20.00 | | | | |
| 15 | 64QAM | 36 | 20 | 20.03 | 19.74 | 19.98 | 20.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 20.00 | 19.78 | 19.97 | | | | |
| 15 | 64QAM | 75 | 0 | 20.03 | 20.05 | 20.06 | 20.7 | 0 | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 19.97 | 19.89 | | | | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.93 | 19.90 | 20.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 19.90 | 19.99 | 19.85 | | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 20.03 | 19.98 | 20.7 | 0 | | |
| 15 | 256QAM | 36 | 20 | 19.74 | 19.86 | 19.76 | | | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 19.91 | 19.76 | 20.7 | 0 | | |
| 15 | 256QAM | 75 | 0 | 19.90 | 20.01 | 20.04 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.96 | 20.10 | 19.98 | 20.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 20.03 | 19.95 | 20.00 | | | | |
| 10 | QPSK | 1 | 49 | 19.87 | 20.02 | 19.95 | 20.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 19.99 | 20.07 | 20.09 | | | | |
| 10 | QPSK | 25 | 12 | 20.08 | 20.10 | 19.74 | 20.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 19.93 | 19.94 | 19.94 | | | | |
| 10 | QPSK | 50 | 0 | 19.85 | 20.05 | 20.02 | 20.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 19.98 | 19.84 | 20.02 | | | | |
| 10 | 16QAM | 1 | 25 | 19.91 | 19.98 | 19.95 | 20.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 20.02 | 19.82 | 19.97 | | | | |
| 10 | 16QAM | 25 | 0 | 19.65 | 19.79 | 19.96 | 20.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 19.98 | 19.71 | 19.92 | | | | |
| 10 | 16QAM | 25 | 25 | 20.04 | 19.92 | 19.75 | 20.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 19.75 | 19.82 | 19.85 | | | | |
| 10 | 64QAM | 1 | 0 | 19.96 | 19.92 | 19.87 | 20.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 19.70 | 19.77 | 19.85 | | | | |
| 10 | 64QAM | 1 | 49 | 20.05 | 19.93 | 20.00 | 20.7 | 0 | | |
| 10 | 64QAM | 25 | 0 | 20.05 | 20.00 | 19.91 | | | | |
| 10 | 64QAM | 25 | 12 | 20.09 | 19.73 | 19.86 | 20.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.86 | 19.74 | 20.02 | | | | |
| 10 | 64QAM | 50 | 0 | 19.90 | 19.95 | 19.90 | 20.7 | 0 | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.94 | | | | |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.99 | 19.93 | 20.7 | 0 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.88 | 19.88 | | | | |
| 10 | 256QAM | 25 | 0 | 19.97 | 20.08 | 20.01 | 20.7 | 0 | | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.87 | 19.72 | | | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.86 | 19.80 | 20.7 | 0 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 20.06 | 19.98 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 20.07 | 20.00 | 20.16 | 20.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 19.83 | 20.05 | 19.93 | | | | |
| 5 | QPSK | 1 | 24 | 19.97 | 20.10 | 19.96 | 20.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 19.94 | 19.96 | 19.97 | | | | |
| 5 | QPSK | 12 | 7 | 20.01 | 19.97 | 19.92 | 20.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 20.11 | 19.88 | 19.89 | | | | |
| 5 | QPSK | 25 | 0 | 19.87 | 20.02 | 20.00 | 20.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.93 | 19.82 | 19.89 | | | | |
| 5 | 16QAM | 1 | 12 | 19.94 | 19.87 | 19.92 | 20.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.93 | 19.83 | 19.92 | | | | |
| 5 | 16QAM | 12 | 0 | 19.66 | 19.94 | 19.99 | 20.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 19.78 | 19.79 | 19.88 | | | | |
| 5 | 16QAM | 12 | 13 | 20.00 | 19.79 | 19.77 | 20.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.79 | 19.86 | 20.05 | | | | |
| 5 | 64QAM | 1 | 0 | 19.88 | 20.05 | 19.91 | 20.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 19.86 | 19.77 | 19.95 | | | | |
| 5 | 64QAM | 1 | 24 | 19.91 | 19.85 | 20.04 | 20.7 | 0 | | |
| 5 | 64QAM | 12 | 0 | 19.97 | 19.95 | 20.01 | | | | |
| 5 | 64QAM | 12 | 7 | 20.01 | 19.82 | 19.95 | 20.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 20.00 | 19.77 | 20.07 | | | | |
| 5 | 64QAM | 25 | 0 | 19.87 | 19.97 | 19.97 | 20.7 | 0 | | |
| 5 | 256QAM | 1 | 0 | 19.95 | 20.05 | 19.91 | | | | |
| 5 | 256QAM | 1 | 12 | 19.83 | 20.03 | 19.90 | 20.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 19.93 | 19.91 | 19.89 | | | | |
| 5 | 256QAM | 12 | 0 | 20.01 | 20.04 | 20.01 | 20.7 | 0 | | |
| 5 | 256QAM | 12 | 7 | 19.68 | 19.89 | 19.75 | | | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.90 | 19.79 | 20.7 | 0 | | |
| 5 | 256QAM | 25 | 0 | 19.91 | 19.97 | 19.94 | | | | |

| Band 41 Ant4 DSI1-Other PA | | | | | | | | | | |
|----------------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 18.61 | 18.65 | 18.69 | 18.67 | 18.62 | 19.2 | 0 |
| 20 | QPSK | 1 | 49 | 18.41 | 18.49 | 18.62 | 18.57 | 18.42 | | |
| 20 | QPSK | 1 | 99 | 18.63 | 18.60 | 18.66 | 18.43 | 18.65 | 19.2 | 0 |
| 20 | QPSK | 50 | 0 | 18.64 | 18.57 | 18.67 | 18.62 | 18.65 | | |
| 20 | QPSK | 50 | 24 | 18.52 | 18.53 | 18.53 | 18.41 | 18.53 | 19.2 | 0 |
| 20 | QPSK | 50 | 50 | 18.56 | 18.61 | 18.60 | 18.62 | 18.65 | | |
| 20 | QPSK | 100 | 0 | 18.62 | 18.60 | 18.64 | 18.59 | 18.56 | 19.2 | 0 |
| 20 | 16QAM | 1 | 0 | 18.50 | 18.51 | 18.45 | 18.60 | 18.59 | | |
| 20 | 16QAM | 1 | 49 | 18.58 | 18.68 | 18.55 | 18.59 | 18.65 | 19.2 | 0 |
| 20 | 16QAM | 1 | 99 | 18.58 | 18.63 | 18.57 | 18.55 | 18.62 | | |
| 20 | 16QAM | 50 | 0 | 18.54</ | | | | | | |

| Band | WCDMA II Ant5 Default | | | Tune-up Limit (dBm) | WCDMA IV Ant5 Default | | | Tune-up Limit (dBm) |
|------------------------------------|-----------------------|-------|--------|---------------------|-----------------------|--------|--------|---------------------|
| | WCDMA II | | | | WCDMA IV | | | |
| TX Channel | 9282 | 9400 | 9538 | 25.00 | 1312 | 1413 | 1513 | 25.50 |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 25.00 | 1712.4 | 1732.6 | 1752.6 | 25.50 |
| 3GPP Rel 99 AMR 12.2Kbps | 24.00 | 24.13 | 24.05 | 25.00 | 24.03 | 24.15 | 24.11 | 25.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 24.01 | 24.14 | 24.06 | 25.00 | 24.05 | 24.17 | 24.12 | 25.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 22.98 | 23.18 | 23.06 | 24.00 | 23.03 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.91 | 23.22 | 22.94 | 24.00 | 23.11 | 23.19 | 23.06 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.51 | 22.59 | 22.62 | 23.50 | 22.59 | 22.56 | 22.48 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.57 | 22.64 | 22.67 | 23.50 | 22.64 | 22.61 | 22.54 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.19 | 23.19 | 23.14 | 24.00 | 23.11 | 23.16 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 22.94 | 23.12 | 22.98 | 24.00 | 22.93 | 23.09 | 22.91 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.59 | 22.69 | 22.56 | 23.50 | 22.63 | 22.66 | 22.56 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.54 | 22.73 | 22.62 | 23.50 | 22.58 | 22.70 | 22.51 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.08 | 23.23 | 23.10 | 24.00 | 23.07 | 23.15 | 22.95 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.22 | 21.05 | 21.21 | 22.00 | 21.18 | 21.02 | 21.19 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.12 | 22.20 | 22.06 | 23.00 | 22.03 | 22.17 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.12 | 21.20 | 21.08 | 22.00 | 20.97 | 21.17 | 21.09 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.07 | 23.13 | 22.95 | 24.00 | 23.07 | 23.10 | 23.04 | 24.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.49 | 20.71 | 20.62 | 21.50 | 20.59 | 20.68 | 20.50 | 22.00 |



| Band 2 Ant5 Default | | | | | | | | | | | |
|---------------------|------------|---------|-----------|---------------------|----------------------|--------------|----------|---|--|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Turn-up (dB) | MFR (dB) | | | | |
| Channel | | | | | | | | | | | |
| Frequency (MHz) | 1 | 0 | 1880 | 1880 | 1900 | | | | | | |
| 20 | QPSK | 1 | 0 | 24.72 | 24.50 | 24.86 | 26.7 | 0 | | | |
| 20 | QPSK | 1 | 49 | 24.87 | 24.66 | 24.79 | 26.7 | 0 | | | |
| 20 | QPSK | 1 | 99 | 24.87 | 24.66 | 24.79 | 26.7 | 0 | | | |
| 20 | QPSK | 50 | 24 | 24.85 | 24.62 | 24.62 | 26.7 | 0 | | | |
| 20 | QPSK | 50 | 50 | 24.78 | 24.67 | 24.75 | 26.7 | 0 | | | |
| 20 | QPSK | 50 | 99 | 24.85 | 24.62 | 24.62 | 26.7 | 0 | | | |
| 20 | HQAM | 1 | 0 | 24.95 | 25.01 | 24.94 | 26.7 | 0 | | | |
| 20 | HQAM | 1 | 49 | 24.86 | 24.66 | 24.69 | 26.7 | 0 | | | |
| 20 | HQAM | 1 | 99 | 24.86 | 24.66 | 24.69 | 26.7 | 0 | | | |
| 20 | HQAM | 50 | 0 | 23.79 | 23.89 | 23.91 | 24.7 | 1 | | | |
| 20 | HQAM | 50 | 50 | 23.78 | 23.74 | 23.79 | 24.7 | 1 | | | |
| 20 | HQAM | 50 | 99 | 23.84 | 23.91 | 23.89 | 24.7 | 1 | | | |
| 20 | HQAM | 100 | 0 | 23.92 | 23.90 | 23.92 | 24.7 | 1 | | | |
| 20 | HQAM | 100 | 49 | 23.90 | 23.94 | 23.94 | 24.7 | 1 | | | |
| 20 | HQAM | 100 | 99 | 23.84 | 23.91 | 23.86 | 24.7 | 1 | | | |
| 20 | HQAM | 50 | 24 | 22.85 | 22.89 | 22.89 | 23.7 | 2 | | | |
| 20 | HQAM | 50 | 50 | 22.83 | 22.84 | 22.82 | 23.7 | 2 | | | |
| 20 | HQAM | 50 | 99 | 22.78 | 22.90 | 22.87 | 23.7 | 2 | | | |
| 20 | ZSSBAM | 1 | 0 | 19.92 | 19.97 | 19.94 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 1 | 49 | 19.91 | 19.96 | 19.95 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 1 | 99 | 19.91 | 19.96 | 19.91 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 0 | 19.79 | 19.88 | 19.86 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 49 | 19.82 | 19.87 | 19.87 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 19.73 | 19.81 | 19.81 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 19.82 | 19.84 | 19.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 19.85 | 19.86 | 19.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 19.82 | 19.84 | 19.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 18.87 | 18.90 | 18.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 18.87 | 18.90 | 18.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 18.87 | 18.90 | 18.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 18.82 | 18.84 | 18.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 18.85 | 18.86 | 18.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 18.82 | 18.84 | 18.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 17.87 | 17.90 | 17.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 17.87 | 17.90 | 17.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 17.87 | 17.90 | 17.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 17.82 | 17.84 | 17.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 17.85 | 17.86 | 17.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 17.82 | 17.84 | 17.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 16.87 | 16.90 | 16.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 16.87 | 16.90 | 16.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 16.87 | 16.90 | 16.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 16.82 | 16.84 | 16.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 16.85 | 16.86 | 16.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 16.82 | 16.84 | 16.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 15.87 | 15.90 | 15.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 15.87 | 15.90 | 15.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 15.87 | 15.90 | 15.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 15.82 | 15.84 | 15.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 15.85 | 15.86 | 15.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 15.82 | 15.84 | 15.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 14.87 | 14.90 | 14.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 14.87 | 14.90 | 14.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 14.87 | 14.90 | 14.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 14.82 | 14.84 | 14.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 14.85 | 14.86 | 14.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 14.82 | 14.84 | 14.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 13.87 | 13.90 | 13.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 13.87 | 13.90 | 13.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 13.87 | 13.90 | 13.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 13.82 | 13.84 | 13.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 13.85 | 13.86 | 13.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 13.82 | 13.84 | 13.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 12.87 | 12.90 | 12.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 12.87 | 12.90 | 12.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 12.87 | 12.90 | 12.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 12.82 | 12.84 | 12.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 12.85 | 12.86 | 12.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 12.82 | 12.84 | 12.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 11.87 | 11.90 | 11.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 11.87 | 11.90 | 11.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 11.87 | 11.90 | 11.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 11.82 | 11.84 | 11.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 11.85 | 11.86 | 11.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 11.82 | 11.84 | 11.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 10.87 | 10.90 | 10.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 10.87 | 10.90 | 10.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 10.87 | 10.90 | 10.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 10.82 | 10.84 | 10.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 10.85 | 10.86 | 10.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 10.82 | 10.84 | 10.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 9.87 | 9.90 | 9.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 9.87 | 9.90 | 9.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 9.87 | 9.90 | 9.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 9.82 | 9.84 | 9.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 9.85 | 9.86 | 9.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 9.82 | 9.84 | 9.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 8.87 | 8.90 | 8.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 8.87 | 8.90 | 8.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 8.87 | 8.90 | 8.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 8.82 | 8.84 | 8.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 8.85 | 8.86 | 8.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 8.82 | 8.84 | 8.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 7.87 | 7.90 | 7.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 7.87 | 7.90 | 7.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 7.87 | 7.90 | 7.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 7.82 | 7.84 | 7.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 7.85 | 7.86 | 7.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 7.82 | 7.84 | 7.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 6.87 | 6.90 | 6.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 6.87 | 6.90 | 6.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 6.87 | 6.90 | 6.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 6.82 | 6.84 | 6.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 6.85 | 6.86 | 6.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 6.82 | 6.84 | 6.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 5.87 | 5.90 | 5.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 5.87 | 5.90 | 5.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 5.87 | 5.90 | 5.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 5.82 | 5.84 | 5.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 5.85 | 5.86 | 5.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 5.82 | 5.84 | 5.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 4.87 | 4.90 | 4.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 4.87 | 4.90 | 4.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 4.87 | 4.90 | 4.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 4.82 | 4.84 | 4.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 4.85 | 4.86 | 4.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 4.82 | 4.84 | 4.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 3.87 | 3.90 | 3.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 3.87 | 3.90 | 3.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 3.87 | 3.90 | 3.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 3.82 | 3.84 | 3.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 3.85 | 3.86 | 3.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 3.82 | 3.84 | 3.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 2.87 | 2.90 | 2.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 2.87 | 2.90 | 2.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 2.87 | 2.90 | 2.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 2.82 | 2.84 | 2.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 2.85 | 2.86 | 2.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 2.82 | 2.84 | 2.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 1.87 | 1.90 | 1.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 1.87 | 1.90 | 1.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 1.87 | 1.90 | 1.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 1.82 | 1.84 | 1.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 1.85 | 1.86 | 1.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 1.82 | 1.84 | 1.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | 0.87 | 0.90 | 0.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | 0.87 | 0.90 | 0.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 99 | 0.87 | 0.90 | 0.92 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 0 | 0.82 | 0.84 | 0.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 49 | 0.85 | 0.86 | 0.85 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 100 | 99 | 0.82 | 0.84 | 0.80 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 24 | -0.17 | -0.10 | -0.12 | 20.7 | 5 | | | |
| 20 | ZSSBAM | 50 | 50 | -0.17 | -0.10 | | | | | | |



| Band 38 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 25.13 | 25.19 | 25.15 | | | | |
| 20 | QPSK | 1 | 49 | 25.06 | 25.18 | 25.07 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 24.93 | 25.05 | 24.98 | | | | |
| 20 | QPSK | 50 | 0 | 24.08 | 24.14 | 24.06 | | | | |
| 20 | QPSK | 50 | 24 | 23.97 | 24.06 | 23.94 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 23.89 | 24.02 | 23.87 | | | | |
| 20 | QPSK | 100 | 0 | 23.83 | 23.96 | 23.82 | | | | |
| 20 | 16QAM | 1 | 0 | 24.03 | 24.05 | 24.02 | | | | |
| 20 | 16QAM | 1 | 49 | 23.85 | 23.96 | 23.89 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 99 | 23.90 | 23.98 | 23.93 | | | | |
| 20 | 16QAM | 50 | 0 | 23.07 | 23.18 | 23.10 | | | | |
| 20 | 16QAM | 50 | 24 | 22.93 | 23.05 | 22.90 | 23.7 | 2 | | |
| 20 | 16QAM | 50 | 50 | 23.03 | 23.11 | 23.07 | | | | |
| 20 | 16QAM | 100 | 0 | 23.04 | 23.16 | 23.02 | | | | |
| 20 | 64QAM | 1 | 0 | 23.23 | 23.25 | 23.22 | | | | |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.22 | 23.16 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 23.04 | 23.20 | 23.14 | | | | |
| 20 | 64QAM | 50 | 0 | 22.02 | 22.17 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 22.01 | 22.02 | 21.97 | 22.7 | 3 | | |
| 20 | 64QAM | 50 | 50 | 22.08 | 22.14 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 21.99 | 22.10 | 21.93 | | | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.10 | 19.92 | | | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 19.98 | 19.92 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 19.82 | 19.97 | 19.88 | | | | |
| 20 | 256QAM | 50 | 0 | 20.08 | 20.22 | 20.08 | | | | |
| 20 | 256QAM | 50 | 24 | 19.97 | 20.07 | 20.02 | 20.7 | 5 | | |
| 20 | 256QAM | 50 | 50 | 20.02 | 20.04 | 19.90 | | | | |
| 20 | 256QAM | 100 | 0 | 20.08 | 20.15 | 20.10 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 25.09 | 25.12 | 25.07 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.97 | 25.09 | 24.93 | | | | |
| 15 | QPSK | 1 | 74 | 24.90 | 24.94 | 24.88 | | | | |
| 15 | QPSK | 36 | 0 | 24.03 | 23.99 | 24.02 | | | | |
| 15 | QPSK | 36 | 20 | 23.90 | 23.95 | 23.89 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 23.82 | 23.98 | 23.72 | | | | |
| 15 | QPSK | 75 | 0 | 23.74 | 23.93 | 23.71 | | | | |
| 15 | 16QAM | 1 | 0 | 23.97 | 23.94 | 23.98 | | | | |
| 15 | 16QAM | 1 | 37 | 23.82 | 23.91 | 23.81 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 74 | 23.79 | 23.91 | 23.87 | | | | |
| 15 | 16QAM | 36 | 0 | 22.93 | 23.04 | 22.97 | | | | |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.99 | 22.76 | 23.7 | 2 | | |
| 15 | 16QAM | 36 | 39 | 22.90 | 22.97 | 22.96 | | | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.12 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 23.13 | 23.14 | 23.08 | | | | |
| 15 | 64QAM | 1 | 37 | 23.03 | 23.14 | 23.13 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 23.11 | 23.11 | | | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 22.03 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.92 | 21.86 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.95 | 22.06 | 22.05 | | | | |
| 15 | 64QAM | 75 | 0 | 21.91 | 22.00 | 21.85 | | | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.03 | 19.82 | | | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.86 | 19.85 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.68 | 19.93 | 19.76 | | | | |
| 15 | 256QAM | 36 | 0 | 19.96 | 20.17 | 19.98 | | | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.02 | 19.90 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 39 | 19.94 | 19.98 | 19.81 | | | | |
| 15 | 256QAM | 75 | 0 | 19.96 | 20.11 | 20.03 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 25.08 | 25.10 | 25.03 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.97 | 25.06 | 24.97 | | | | |
| 10 | QPSK | 1 | 49 | 24.84 | 24.99 | 24.90 | | | | |
| 10 | QPSK | 25 | 0 | 23.99 | 24.04 | 23.91 | | | | |
| 10 | QPSK | 25 | 12 | 23.92 | 23.97 | 23.87 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.79 | 23.93 | 23.79 | | | | |
| 10 | QPSK | 50 | 0 | 23.77 | 23.90 | 23.68 | | | | |
| 10 | 16QAM | 1 | 0 | 23.98 | 24.01 | 23.96 | | | | |
| 10 | 16QAM | 1 | 25 | 23.72 | 23.90 | 23.80 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 49 | 23.75 | 23.84 | 23.78 | | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.11 | 23.07 | | | | |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.96 | 22.77 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.01 | 23.04 | | | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.03 | 22.88 | | | | |
| 10 | 64QAM | 1 | 0 | 23.10 | 23.18 | 23.08 | | | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.14 | 23.03 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 49 | 22.96 | 23.09 | 23.05 | | | | |
| 10 | 64QAM | 25 | 0 | 21.98 | 22.08 | 21.99 | | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.92 | 21.87 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 22.03 | 22.02 | 22.00 | | | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.99 | 21.78 | | | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | | | | |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.92 | 19.87 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.71 | 19.90 | 19.84 | | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.09 | 19.98 | | | | |
| 10 | 256QAM | 25 | 12 | 19.90 | 20.00 | 19.88 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.89 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.10 | 20.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 25.07 | 25.14 | 25.03 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.97 | 25.10 | 25.03 | | | | |
| 5 | QPSK | 1 | 24 | 24.84 | 24.96 | 24.83 | | | | |
| 5 | QPSK | 12 | 0 | 24.02 | 24.10 | 23.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.91 | 24.03 | 23.84 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.75 | 23.90 | 23.79 | | | | |
| 5 | QPSK | 25 | 0 | 23.69 | 23.89 | 23.73 | | | | |
| 5 | 16QAM | 1 | 0 | 23.94 | 24.00 | 23.93 | | | | |
| 5 | 16QAM | 1 | 12 | 23.76 | 23.85 | 23.77 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 24 | 23.76 | 23.93 | 23.89 | | | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.06 | 22.98 | | | | |
| 5 | 16QAM | 12 | 7 | 22.89 | 22.99 | 22.79 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 13 | 22.88 | 23.04 | 22.93 | | | | |
| 5 | 16QAM | 25 | 0 | 22.93 | 23.04 | 22.93 | | | | |
| 5 | 64QAM | 1 | 0 | 23.09 | 23.20 | 23.10 | | | | |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.12 | 23.02 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 24 | 22.93 | 23.08 | 23.01 | | | | |
| 5 | 64QAM | 12 | 0 | 21.88 | 22.04 | 21.95 | | | | |
| 5 | 64QAM | 12 | 7 | 21.88 | 21.99 | 21.84 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.95 | 21.99 | 21.97 | | | | |
| 5 | 64QAM | 25 | 0 | 21.88 | 22.07 | 21.89 | | | | |
| 5 | 256QAM | 1 | 0 | 19.91 | 19.99 | 19.79 | | | | |
| 5 | 256QAM | 1 | 12 | 19.76 | 19.85 | 19.87 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 20.10 | 20.03 | | | | |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.00 | 19.89 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 19.96 | 19.81 | | | | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.07 | 20.06 | | | | |

| Band 41 Ant5 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 25.05 | 25.11 | 25.23 | 25.16 | 25.12 | | |
| 20 | QPSK | 1 | 49 | 24.95 | 24.92 | 25.09 | 25.05 | 24.99 | 25.7 | 0 |
| 20 | QPSK | 1 | 99 | 24.97 | 24.97 | 25.08 | 25.08 | 24.98 | | |
| 20 | QPSK | 50 | 0 | 23.99 | 24.12 | 24.14 | 24.00 | 24.07 | | |
| 20 | QPSK | 50 | 24 | 24.07 | 23.99 | 24.11 | 23.96 | 24.06 | 24.7 | 1 |
| 20 | QPSK | 50 | 50 | 23.92 | 23.91 | 24.03 | 23.92 | 23.95 | | |
| 20 | QPSK | 100 | 0 | 24.01 | 23.98 | 24.06 | 23.97 | 24.05 | | |
| 20 | 16QAM | 1 | 0 | 24.08 | 24.07 | 24.16 | 24.02 | 24.15 | 24.7 | 1 |



Reduced Power Mode for WWAN for DSI 1_Main PA

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 4 Ant3 DSI1 and Channel.

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 7 Ant3 DSI1 and Channel.

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power (W), Power (dBm), Power (dBm), Time-up limit (min), MPR (dB). Includes sub-headers for Band 6 Ant3 DSI1 and Channel.



| Band 38 Ant3 DS1 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 18.64 | 18.73 | 18.43 | 19.2 | 0 | | |
| 20 | QPSK | 1 | 49 | 18.39 | 18.52 | 18.41 | | | | |
| 20 | QPSK | 1 | 99 | 18.43 | 18.38 | 18.40 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 0 | 18.33 | 18.69 | 18.53 | | | | |
| 20 | QPSK | 50 | 24 | 18.39 | 18.59 | 18.35 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.44 | 18.51 | 18.28 | | | | |
| 20 | QPSK | 100 | 0 | 18.37 | 18.51 | 18.49 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 0 | 18.31 | 18.42 | 18.45 | | | | |
| 20 | 16QAM | 1 | 49 | 18.26 | 18.37 | 18.51 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 99 | 18.34 | 18.41 | 18.17 | | | | |
| 20 | 16QAM | 50 | 0 | 18.65 | 18.62 | 18.24 | 19.2 | 0 | | |
| 20 | 16QAM | 50 | 24 | 18.25 | 18.33 | 18.48 | | | | |
| 20 | 16QAM | 50 | 50 | 18.55 | 18.56 | 18.31 | 19.2 | 0 | | |
| 20 | 16QAM | 100 | 0 | 18.41 | 18.62 | 18.58 | | | | |
| 20 | 64QAM | 1 | 0 | 18.56 | 18.65 | 18.50 | 19.2 | 0 | | |
| 20 | 64QAM | 1 | 49 | 18.36 | 18.54 | 18.35 | | | | |
| 20 | 64QAM | 1 | 99 | 18.61 | 18.28 | 18.43 | 19.2 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.43 | 18.61 | 18.45 | | | | |
| 20 | 64QAM | 50 | 24 | 18.29 | 18.39 | 18.19 | 19.2 | 0 | | |
| 20 | 64QAM | 50 | 50 | 18.45 | 18.38 | 18.59 | | | | |
| 20 | 64QAM | 100 | 0 | 18.44 | 18.63 | 18.52 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 0 | 18.36 | 18.62 | 18.58 | | | | |
| 20 | 256QAM | 1 | 49 | 18.33 | 18.48 | 18.17 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 99 | 18.53 | 18.58 | 18.35 | | | | |
| 20 | 256QAM | 50 | 0 | 18.48 | 18.61 | 18.39 | 19.2 | 0 | | |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.57 | 18.45 | | | | |
| 20 | 256QAM | 50 | 50 | 18.40 | 18.46 | 18.49 | 19.2 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.42 | 18.66 | 18.64 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 18.46 | 18.69 | 18.22 | 19.2 | 0 | | |
| 15 | QPSK | 1 | 37 | 18.20 | 18.52 | 18.33 | | | | |
| 15 | QPSK | 1 | 74 | 18.41 | 18.30 | 18.22 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 0 | 18.31 | 18.48 | 18.48 | | | | |
| 15 | QPSK | 36 | 20 | 18.30 | 18.59 | 18.35 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 18.35 | 18.49 | 18.24 | | | | |
| 15 | QPSK | 75 | 0 | 18.35 | 18.53 | 18.52 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 0 | 18.23 | 18.41 | 18.42 | | | | |
| 15 | 16QAM | 1 | 37 | 18.11 | 18.31 | 18.45 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 74 | 18.28 | 18.36 | 17.97 | | | | |
| 15 | 16QAM | 36 | 0 | 18.57 | 18.64 | 18.18 | 19.2 | 0 | | |
| 15 | 16QAM | 36 | 20 | 18.15 | 18.20 | 18.37 | | | | |
| 15 | 16QAM | 36 | 39 | 18.41 | 18.48 | 18.22 | 19.2 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.44 | 18.50 | 18.58 | | | | |
| 15 | 64QAM | 1 | 0 | 18.58 | 18.54 | 18.35 | 19.2 | 0 | | |
| 15 | 64QAM | 1 | 37 | 18.19 | 18.53 | 18.32 | | | | |
| 15 | 64QAM | 1 | 74 | 18.60 | 18.22 | 18.44 | 19.2 | 0 | | |
| 15 | 64QAM | 36 | 0 | 18.34 | 18.53 | 18.29 | | | | |
| 15 | 64QAM | 36 | 20 | 18.23 | 18.33 | 18.12 | 19.2 | 0 | | |
| 15 | 64QAM | 36 | 39 | 18.47 | 18.17 | 18.56 | | | | |
| 15 | 64QAM | 75 | 0 | 18.46 | 18.57 | 18.49 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 0 | 18.17 | 18.49 | 18.57 | | | | |
| 15 | 256QAM | 1 | 37 | 18.14 | 18.48 | 18.15 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.55 | 18.35 | | | | |
| 15 | 256QAM | 36 | 0 | 18.35 | 18.60 | 18.32 | 19.2 | 0 | | |
| 15 | 256QAM | 36 | 20 | 18.42 | 18.58 | 18.45 | | | | |
| 15 | 256QAM | 36 | 39 | 18.22 | 18.34 | 18.50 | 19.2 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.31 | 18.66 | 18.64 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 18.59 | 18.52 | 18.38 | 19.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 18.39 | 18.47 | 18.27 | | | | |
| 10 | QPSK | 1 | 49 | 18.42 | 18.21 | 18.22 | 19.2 | 0 | | |
| 10 | QPSK | 25 | 0 | 18.23 | 18.60 | 18.35 | | | | |
| 10 | QPSK | 25 | 12 | 18.29 | 18.60 | 18.20 | 19.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 18.40 | 18.33 | 18.10 | | | | |
| 10 | QPSK | 50 | 0 | 18.39 | 18.37 | 18.45 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 18.21 | 18.39 | 18.26 | | | | |
| 10 | 16QAM | 1 | 25 | 18.18 | 18.29 | 18.31 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.18 | 18.21 | 18.16 | | | | |
| 10 | 16QAM | 25 | 0 | 18.54 | 18.47 | 18.26 | 19.2 | 0 | | |
| 10 | 16QAM | 25 | 12 | 18.28 | 18.25 | 18.46 | | | | |
| 10 | 16QAM | 25 | 25 | 18.36 | 18.48 | 18.15 | 19.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.42 | 18.59 | 18.52 | | | | |
| 10 | 64QAM | 1 | 0 | 18.46 | 18.58 | 18.47 | 19.2 | 0 | | |
| 10 | 64QAM | 1 | 25 | 18.23 | 18.52 | 18.32 | | | | |
| 10 | 64QAM | 1 | 49 | 18.60 | 18.22 | 18.29 | 19.2 | 0 | | |
| 10 | 64QAM | 25 | 0 | 18.45 | 18.54 | 18.31 | | | | |
| 10 | 64QAM | 25 | 12 | 18.26 | 18.37 | 18.12 | 19.2 | 0 | | |
| 10 | 64QAM | 25 | 25 | 18.33 | 18.31 | 18.59 | | | | |
| 10 | 64QAM | 50 | 0 | 18.37 | 18.56 | 18.39 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 0 | 18.18 | 18.51 | 18.51 | | | | |
| 10 | 256QAM | 1 | 25 | 18.21 | 18.46 | 18.23 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.37 | 18.41 | 18.43 | | | | |
| 10 | 256QAM | 25 | 0 | 18.35 | 18.41 | 18.31 | 19.2 | 0 | | |
| 10 | 256QAM | 25 | 12 | 18.25 | 18.45 | 18.30 | | | | |
| 10 | 256QAM | 25 | 25 | 18.32 | 18.33 | 18.44 | 19.2 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.63 | 18.63 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 18.57 | 18.70 | 18.37 | 19.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 18.23 | 18.49 | 18.40 | | | | |
| 5 | QPSK | 1 | 24 | 18.32 | 18.27 | 18.25 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 0 | 18.22 | 18.68 | 18.40 | | | | |
| 5 | QPSK | 12 | 7 | 18.32 | 18.39 | 18.31 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.27 | 18.34 | 18.30 | | | | |
| 5 | QPSK | 25 | 0 | 18.28 | 18.53 | 18.45 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 0 | 18.21 | 18.39 | 18.32 | | | | |
| 5 | 16QAM | 1 | 12 | 18.24 | 18.24 | 18.42 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 24 | 18.23 | 18.38 | 18.16 | | | | |
| 5 | 16QAM | 12 | 0 | 18.52 | 18.61 | 18.24 | 19.2 | 0 | | |
| 5 | 16QAM | 12 | 7 | 18.26 | 18.24 | 18.51 | | | | |
| 5 | 16QAM | 12 | 13 | 18.51 | 18.53 | 18.18 | 19.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 18.31 | 18.63 | 18.43 | | | | |
| 5 | 64QAM | 1 | 0 | 18.54 | 18.60 | 18.37 | 19.2 | 0 | | |
| 5 | 64QAM | 1 | 12 | 18.28 | 18.35 | 18.26 | | | | |
| 5 | 64QAM | 1 | 24 | 18.47 | 18.21 | 18.42 | 19.2 | 0 | | |
| 5 | 64QAM | 12 | 0 | 18.29 | 18.57 | 18.40 | | | | |
| 5 | 64QAM | 12 | 7 | 18.18 | 18.30 | 18.37 | 19.2 | 0 | | |
| 5 | 64QAM | 12 | 13 | 18.40 | 18.19 | 18.52 | | | | |
| 5 | 64QAM | 25 | 0 | 18.46 | 18.63 | 18.47 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 0 | 18.32 | 18.58 | 18.52 | | | | |
| 5 | 256QAM | 1 | 12 | 18.12 | 18.42 | 18.18 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.34 | 18.58 | 18.37 | | | | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.59 | 18.20 | 19.2 | 0 | | |
| 5 | 256QAM | 12 | 7 | 18.33 | 18.52 | 18.25 | | | | |
| 5 | 256QAM | 12 | 13 | 18.28 | 18.40 | 18.41 | 19.2 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.41 | 18.52 | 18.60 | | | | |

| Band 41 Ant3 DS1 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 20.08 | 20.30 | 20.39 | 20.14 | 20.14 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.00 | 20.22 | 20.08 | 20.07 | 20.18 | | |
| 20 | QPSK | 1 | 99 | 20.28 | 20.15 | 20.17 | 20.03 | 20.06 | 20.7 | 0 |
| 20 | QPSK | 50 | 0 | 20.00 | 19.87 | 20.15 | 20.06 | 19.92 | | |
| 20 | QPSK | 50 | 24 | 20.02 | 19.89 | 20.09 | 20.10 | 20.11 | 20.7 | 0 |
| 20 | QPSK | 50 | 50 | 20.03 | 19.95 | 20.06 | 20.01 | 20.04 | | |
| 20 | QPSK | 100 | 0 | 19.81 | 20.05 | 20.09 | 20.01 | 20.08 | 20.7 | 0 |
| 20 | 16QAM | 1 | 0 | 20.05 | 20.18 | 20.09 | 20.22 | 20.03 | | |
| 20 | 16QAM | 1 | | | | | | | | |



| Band 4 Ant4 DS11 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up limit (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 17.18 | 17.23 | 16.96 | | | | |
| 20 | QPSK | 1 | 49 | 16.79 | 17.02 | 16.79 | 17.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 16.79 | 17.02 | 16.79 | | | | |
| 20 | QPSK | 50 | 0 | 17.02 | 17.16 | 16.99 | | | | |
| 20 | QPSK | 50 | 24 | 16.97 | 17.07 | 16.97 | 17.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 16.98 | 17.00 | 16.97 | | | | |
| 20 | QPSK | 100 | 0 | 16.90 | 17.07 | 16.96 | | | | |
| 20 | 16QAM | 1 | 0 | 17.11 | 16.96 | 16.93 | 17.7 | 0 | | |
| 20 | 16QAM | 1 | 49 | 16.84 | 16.85 | 16.82 | | | | |
| 20 | 16QAM | 1 | 99 | 16.72 | 16.81 | 16.85 | 17.7 | 0 | | |
| 20 | 16QAM | 50 | 0 | 16.95 | 16.98 | 16.78 | | | | |
| 20 | 16QAM | 50 | 24 | 16.85 | 16.95 | 16.70 | 17.7 | 0 | | |
| 20 | 16QAM | 50 | 50 | 16.84 | 16.76 | 16.81 | | | | |
| 20 | 16QAM | 100 | 0 | 16.85 | 16.94 | 16.82 | | | | |
| 20 | 16QAM | 1 | 0 | 16.93 | 16.99 | 16.76 | | | | |
| 20 | 84QAM | 1 | 49 | 16.91 | 16.97 | 16.75 | 17.7 | 0 | | |
| 20 | 84QAM | 50 | 99 | 16.88 | 16.96 | 16.82 | | | | |
| 20 | 84QAM | 50 | 24 | 16.91 | 16.81 | 16.90 | 17.7 | 0 | | |
| 20 | 84QAM | 100 | 0 | 17.19 | 17.03 | 16.99 | | | | |
| 20 | 256QAM | 1 | 49 | 16.95 | 17.01 | 16.73 | 17.7 | 0 | | |
| 20 | 256QAM | 1 | 99 | 16.79 | 16.96 | 17.01 | | | | |
| 20 | 256QAM | 50 | 24 | 16.88 | 16.93 | 16.82 | 17.7 | 0 | | |
| 20 | 256QAM | 50 | 50 | 16.88 | 16.77 | 16.96 | | | | |
| 20 | 256QAM | 100 | 0 | 16.84 | 16.94 | 16.82 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.08 | 17.08 | 16.83 | | | | |
| 15 | QPSK | 1 | 37 | 16.88 | 16.78 | 16.87 | 17.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 16.87 | 16.93 | 16.84 | | | | |
| 15 | QPSK | 36 | 0 | 17.01 | 17.10 | 16.92 | | | | |
| 15 | QPSK | 36 | 25 | 16.91 | 16.96 | 16.90 | 17.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 16.92 | 17.03 | 17.02 | | | | |
| 15 | QPSK | 75 | 0 | 16.92 | 16.71 | 16.81 | | | | |
| 15 | 16QAM | 1 | 0 | 17.14 | 16.81 | 16.82 | 17.7 | 0 | | |
| 15 | 16QAM | 1 | 37 | 16.78 | 16.71 | 16.69 | | | | |
| 15 | 16QAM | 1 | 74 | 16.70 | 16.82 | 16.81 | 17.7 | 0 | | |
| 15 | 16QAM | 25 | 0 | 16.70 | 16.84 | 16.79 | | | | |
| 15 | 16QAM | 36 | 20 | 16.91 | 16.85 | 16.74 | 17.7 | 0 | | |
| 15 | 16QAM | 36 | 49 | 16.82 | 16.83 | 16.81 | | | | |
| 15 | 16QAM | 75 | 0 | 16.81 | 16.68 | 16.78 | | | | |
| 15 | 84QAM | 1 | 0 | 16.94 | 16.88 | 16.88 | 17.7 | 0 | | |
| 15 | 84QAM | 1 | 37 | 16.79 | 16.86 | 16.87 | | | | |
| 15 | 84QAM | 1 | 74 | 16.82 | 16.87 | 16.87 | 17.7 | 0 | | |
| 15 | 84QAM | 36 | 0 | 16.78 | 17.03 | 16.99 | | | | |
| 15 | 84QAM | 36 | 25 | 16.82 | 16.96 | 16.87 | 17.7 | 0 | | |
| 15 | 84QAM | 36 | 39 | 16.97 | 17.03 | 16.85 | | | | |
| 15 | 84QAM | 75 | 0 | 17.01 | 16.87 | 16.84 | | | | |
| 15 | 256QAM | 1 | 37 | 16.81 | 16.91 | 16.76 | 17.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 16.85 | 17.01 | 16.87 | | | | |
| 15 | 256QAM | 36 | 20 | 16.85 | 16.80 | 16.70 | 17.7 | 0 | | |
| 15 | 256QAM | 36 | 39 | 16.78 | 16.85 | 16.85 | | | | |
| 15 | 256QAM | 75 | 0 | 16.87 | 16.87 | 16.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 17.00 | 17.06 | 16.80 | | | | |
| 10 | QPSK | 1 | 25 | 16.80 | 16.75 | 17.01 | 17.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 16.83 | 17.07 | 16.82 | | | | |
| 10 | QPSK | 12 | 0 | 16.86 | 17.11 | 16.87 | | | | |
| 10 | QPSK | 25 | 12 | 16.90 | 17.01 | 16.92 | 17.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 17.04 | 16.96 | 17.02 | | | | |
| 10 | 16QAM | 1 | 0 | 17.01 | 16.87 | 16.90 | 17.7 | 0 | | |
| 10 | 16QAM | 1 | 24 | 16.82 | 16.83 | 16.74 | | | | |
| 10 | 16QAM | 1 | 49 | 16.82 | 16.90 | 16.81 | 17.7 | 0 | | |
| 10 | 16QAM | 25 | 0 | 16.83 | 16.90 | 16.79 | | | | |
| 10 | 16QAM | 25 | 12 | 16.85 | 16.80 | 16.76 | 17.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 16.88 | 16.81 | 16.70 | | | | |
| 10 | 84QAM | 1 | 0 | 16.79 | 16.89 | 16.69 | 17.7 | 0 | | |
| 10 | 84QAM | 1 | 24 | 16.83 | 16.83 | 16.84 | | | | |
| 10 | 84QAM | 1 | 49 | 16.57 | 16.89 | 16.65 | 17.7 | 0 | | |
| 10 | 84QAM | 25 | 0 | 16.81 | 17.02 | 16.84 | | | | |
| 10 | 84QAM | 25 | 12 | 16.82 | 16.98 | 16.76 | 17.7 | 0 | | |
| 10 | 84QAM | 50 | 0 | 16.79 | 16.89 | 16.76 | | | | |
| 10 | 256QAM | 1 | 24 | 16.87 | 16.99 | 16.81 | 17.7 | 0 | | |
| 10 | 256QAM | 1 | 49 | 16.85 | 16.96 | 16.86 | | | | |
| 10 | 256QAM | 1 | 99 | 16.85 | 16.98 | 16.98 | 17.7 | 0 | | |
| 10 | 256QAM | 25 | 12 | 16.89 | 17.04 | 16.76 | | | | |
| 10 | 256QAM | 1 | 49 | 16.65 | 16.93 | 16.83 | 17.7 | 0 | | |
| 10 | 256QAM | 1 | 99 | 16.65 | 16.80 | 16.87 | | | | |
| 10 | 256QAM | 25 | 12 | 16.81 | 16.78 | 16.85 | 17.7 | 0 | | |
| 10 | 256QAM | 25 | 25 | 16.78 | 16.88 | 16.80 | | | | |
| 10 | 256QAM | 50 | 0 | 16.87 | 16.87 | 16.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 17.05 | 17.05 | 16.83 | | | | |
| 5 | QPSK | 1 | 12 | 16.86 | 16.81 | 16.81 | 17.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 16.83 | 17.07 | 16.85 | | | | |
| 5 | QPSK | 12 | 0 | 16.86 | 17.11 | 16.87 | | | | |
| 5 | QPSK | 12 | 7 | 17.01 | 16.97 | 16.89 | 17.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 16.80 | 17.02 | 16.81 | | | | |
| 5 | QPSK | 25 | 0 | 16.83 | 17.06 | 16.81 | | | | |
| 5 | 16QAM | 1 | 0 | 17.11 | 16.98 | 16.78 | 17.7 | 0 | | |
| 5 | 16QAM | 1 | 12 | 16.83 | 16.89 | 16.75 | | | | |
| 5 | 16QAM | 1 | 24 | 16.71 | 16.84 | 16.81 | 17.7 | 0 | | |
| 5 | 16QAM | 12 | 0 | 16.87 | 16.79 | 16.86 | | | | |
| 5 | 16QAM | 12 | 7 | 16.69 | 16.92 | 16.65 | 17.7 | 0 | | |
| 5 | 16QAM | 12 | 13 | 16.84 | 16.76 | 16.86 | | | | |
| 5 | 16QAM | 25 | 0 | 16.88 | 16.82 | 16.97 | | | | |
| 5 | 84QAM | 1 | 0 | 16.77 | 16.97 | 16.66 | 17.7 | 0 | | |
| 5 | 84QAM | 1 | 12 | 16.84 | 16.81 | 16.89 | | | | |
| 5 | 84QAM | 1 | 24 | 16.87 | 16.70 | 16.81 | 17.7 | 0 | | |
| 5 | 84QAM | 12 | 0 | 16.70 | 17.06 | 17.00 | | | | |
| 5 | 84QAM | 12 | 7 | 16.93 | 16.97 | 16.87 | 17.7 | 0 | | |
| 5 | 84QAM | 12 | 13 | 16.78 | 16.90 | 16.83 | | | | |
| 5 | 84QAM | 25 | 0 | 17.13 | 17.01 | 16.96 | | | | |
| 5 | 256QAM | 1 | 0 | 16.92 | 16.98 | 16.88 | 17.7 | 0 | | |
| 5 | 256QAM | 1 | 12 | 16.93 | 17.07 | 16.83 | | | | |
| 5 | 256QAM | 1 | 24 | 16.79 | 16.90 | 16.86 | 17.7 | 0 | | |
| 5 | 256QAM | 12 | 0 | 16.99 | 16.74 | 16.86 | | | | |
| 5 | 256QAM | 12 | 7 | 16.56 | 16.87 | 16.85 | 17.7 | 0 | | |
| 5 | 256QAM | 12 | 13 | 16.83 | 16.88 | 16.80 | | | | |
| 5 | 256QAM | 25 | 0 | 16.79 | 17.01 | 16.98 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 17.00 | 17.02 | 16.83 | | | | |
| 3 | QPSK | 1 | 8 | 16.94 | 16.84 | 16.72 | 17.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 16.75 | 16.91 | 16.78 | | | | |
| 3 | QPSK | 8 | 0 | 16.87 | 17.11 | 16.80 | | | | |
| 3 | QPSK | 8 | 4 | 16.99 | 16.87 | 16.79 | 17.7 | 0 | | |
| 3 | QPSK | 8 | 7 | 16.89 | 16.96 | 16.92 | | | | |
| 3 | QPSK | 15 | 0 | 16.93 | 16.90 | 16.85 | | | | |
| 3 | 16QAM | 1 | 0 | 17.02 | 16.98 | 16.97 | 17.7 | 0 | | |
| 3 | 16QAM | 1 | 8 | 16.81 | 16.78 | 16.84 | | | | |
| 3 | 16QAM | 1 | 14 | 16.87 | 16.86 | 16.70 | 17.7 | 0 | | |
| 3 | 16QAM | 8 | 0 | 16.56 | 16.76 | 16.79 | | | | |
| 3 | 16QAM | 8 | 4 | 16.87 | 16.81 | 16.71 | 17.7 | 0 | | |
| 3 | 16QAM | 8 | 7 | 16.96 | 16.79 | 16.80 | | | | |
| 3 | 16QAM | 15 | 0 | 16.88 | 16.74 | 16.95 | | | | |
| 3 | 84QAM | 1 | 0 | 16.82 | 16.82 | 16.80 | 17.7 | 0 | | |
| 3 | 84QAM | 1 | 8 | 16.87 | 16.87 | 16.82 | | | | |
| 3 | 84QAM | 1 | 14 | 16.84 | 16.80 | 16.56 | 17.7 | 0 | | |
| 3 | 84QAM | 8 | 0 | 16.82 | 16.87 | 16.86 | | | | |
| 3 | 84QAM | 8 | 4 | 16.74 | 16.74 | 16.85 | 17.7 | 0 | | |
| 3 | 84QAM | 8 | 7 | 16.84 | 17.07 | 16.84 | | | | |
| 3 | 84QAM | 15 | 0 | 17.00 | 16.97 | 16 | | | | |



| Band 38 Ant4 DS11 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 19.16 | 19.32 | 19.11 | 19.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 18.89 | 19.07 | 18.94 | | | | |
| 20 | QPSK | 1 | 99 | 18.97 | 18.93 | 19.00 | 19.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 19.00 | 19.19 | 19.05 | | | | |
| 20 | QPSK | 50 | 24 | 19.02 | 19.06 | 19.00 | 19.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.15 | 18.94 | 19.00 | | | | |
| 20 | QPSK | 100 | 0 | 19.03 | 19.08 | 19.00 | 19.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 19.17 | 19.14 | 19.06 | | | | |
| 20 | 16QAM | 1 | 49 | 18.97 | 19.06 | 19.05 | 19.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.21 | 19.02 | 19.00 | | | | |
| 20 | 16QAM | 50 | 0 | 19.07 | 19.11 | 19.11 | 19.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 19.09 | 18.95 | 19.24 | | | | |
| 20 | 16QAM | 50 | 50 | 18.95 | 19.12 | 18.90 | 19.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.06 | 19.22 | 19.03 | | | | |
| 20 | 64QAM | 1 | 0 | 19.02 | 19.17 | 19.08 | 19.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 19.09 | 19.05 | 19.18 | | | | |
| 20 | 64QAM | 1 | 99 | 18.93 | 19.22 | 19.06 | 19.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.98 | 19.04 | 18.96 | | | | |
| 20 | 64QAM | 50 | 24 | 18.92 | 18.96 | 18.92 | 19.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 19.18 | 19.20 | 19.27 | | | | |
| 20 | 64QAM | 100 | 0 | 19.05 | 18.97 | 19.16 | 19.7 | 0 | | |
| 20 | 256QAM | 1 | 0 | 18.99 | 19.05 | 19.05 | | | | |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.95 | 19.07 | 19.7 | 0 | | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.07 | 19.05 | | | | |
| 20 | 256QAM | 50 | 0 | 19.05 | 19.03 | 18.93 | 19.7 | 0 | | |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.96 | 18.85 | | | | |
| 20 | 256QAM | 50 | 50 | 18.85 | 18.92 | 18.97 | 19.7 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.86 | 19.22 | 18.96 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.05 | 19.17 | 19.06 | 19.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 18.70 | 19.05 | 18.98 | | | | |
| 15 | QPSK | 1 | 74 | 19.00 | 18.85 | 18.85 | 19.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 18.86 | 19.09 | 18.92 | | | | |
| 15 | QPSK | 36 | 20 | 19.00 | 18.89 | 18.99 | 19.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.01 | 18.89 | 19.04 | | | | |
| 15 | QPSK | 75 | 0 | 19.06 | 18.96 | 18.82 | 19.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 19.09 | 19.09 | 19.05 | | | | |
| 15 | 16QAM | 1 | 37 | 18.83 | 18.93 | 19.02 | 19.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.19 | 19.03 | 18.86 | | | | |
| 15 | 16QAM | 36 | 0 | 18.85 | 19.05 | 19.09 | 19.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 19.08 | 18.87 | 19.09 | | | | |
| 15 | 16QAM | 36 | 39 | 18.83 | 18.99 | 18.80 | 19.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.97 | 19.23 | 18.96 | | | | |
| 15 | 64QAM | 1 | 0 | 18.89 | 19.03 | 18.95 | 19.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 19.14 | 19.00 | 19.14 | | | | |
| 15 | 64QAM | 1 | 74 | 18.89 | 19.22 | 19.09 | 19.7 | 0 | | |
| 15 | 64QAM | 36 | 0 | 18.82 | 18.95 | 18.93 | | | | |
| 15 | 64QAM | 36 | 20 | 18.88 | 18.90 | 18.84 | 19.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 19.03 | 19.18 | 19.16 | | | | |
| 15 | 64QAM | 75 | 0 | 18.87 | 18.98 | 19.03 | 19.7 | 0 | | |
| 15 | 256QAM | 1 | 0 | 18.81 | 19.06 | 18.98 | | | | |
| 15 | 256QAM | 1 | 37 | 18.81 | 18.98 | 18.98 | 19.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.86 | 19.11 | 19.09 | | | | |
| 15 | 256QAM | 36 | 0 | 18.87 | 18.91 | 18.98 | 19.7 | 0 | | |
| 15 | 256QAM | 36 | 20 | 18.85 | 18.81 | 18.71 | | | | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.79 | 18.79 | 19.7 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.76 | 19.08 | 18.99 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.04 | 19.31 | 19.07 | 19.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 18.88 | 18.91 | 18.95 | | | | |
| 10 | QPSK | 1 | 49 | 18.91 | 18.86 | 18.93 | 19.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 18.95 | 19.02 | 19.04 | | | | |
| 10 | QPSK | 25 | 12 | 18.96 | 18.99 | 19.01 | 19.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 19.01 | 18.96 | 18.81 | | | | |
| 10 | QPSK | 50 | 0 | 18.99 | 18.96 | 18.89 | 19.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 19.17 | 18.95 | 19.08 | | | | |
| 10 | 16QAM | 1 | 25 | 18.84 | 19.03 | 18.87 | 19.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 19.24 | 19.06 | 19.05 | | | | |
| 10 | 16QAM | 25 | 0 | 19.06 | 18.94 | 18.93 | 19.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 19.13 | 18.85 | 19.18 | | | | |
| 10 | 16QAM | 25 | 25 | 18.95 | 19.05 | 18.74 | 19.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.95 | 19.04 | 18.86 | | | | |
| 10 | 64QAM | 1 | 0 | 18.96 | 19.06 | 19.03 | 19.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 19.03 | 19.10 | 19.05 | | | | |
| 10 | 64QAM | 1 | 49 | 18.95 | 19.28 | 19.06 | 19.7 | 0 | | |
| 10 | 64QAM | 25 | 0 | 18.86 | 18.93 | 18.77 | | | | |
| 10 | 64QAM | 25 | 12 | 18.95 | 18.95 | 18.75 | 19.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.09 | 19.03 | 19.08 | | | | |
| 10 | 64QAM | 50 | 0 | 18.99 | 19.01 | 19.08 | 19.7 | 0 | | |
| 10 | 256QAM | 1 | 0 | 19.03 | 18.95 | 18.88 | | | | |
| 10 | 256QAM | 1 | 25 | 18.91 | 18.84 | 19.06 | 19.7 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.85 | 18.90 | 19.08 | | | | |
| 10 | 256QAM | 25 | 0 | 18.89 | 18.92 | 18.84 | 19.7 | 0 | | |
| 10 | 256QAM | 25 | 12 | 18.89 | 18.90 | 18.81 | | | | |
| 10 | 256QAM | 25 | 25 | 18.70 | 18.74 | 18.92 | 19.7 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.90 | 19.19 | 18.83 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.19 | 19.18 | 19.01 | 19.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 18.78 | 19.09 | 18.98 | | | | |
| 5 | QPSK | 1 | 24 | 18.96 | 18.79 | 19.05 | 19.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 18.96 | 19.17 | 19.02 | | | | |
| 5 | QPSK | 12 | 7 | 18.96 | 18.93 | 18.88 | 19.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.97 | 18.84 | 18.91 | | | | |
| 5 | QPSK | 25 | 0 | 18.98 | 19.09 | 19.03 | 19.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.05 | 19.04 | 19.07 | | | | |
| 5 | 16QAM | 1 | 12 | 18.81 | 19.01 | 19.07 | 19.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.19 | 19.01 | 18.83 | | | | |
| 5 | 16QAM | 12 | 0 | 18.97 | 19.15 | 18.98 | 19.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 18.97 | 18.91 | 19.06 | | | | |
| 5 | 16QAM | 12 | 13 | 18.98 | 18.95 | 18.80 | 19.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.10 | 19.20 | 19.00 | | | | |
| 5 | 64QAM | 1 | 0 | 19.07 | 19.14 | 19.02 | 19.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 19.08 | 19.07 | 19.05 | | | | |
| 5 | 64QAM | 1 | 24 | 18.97 | 19.30 | 18.89 | 19.7 | 0 | | |
| 5 | 64QAM | 12 | 0 | 18.97 | 18.88 | 18.94 | | | | |
| 5 | 64QAM | 12 | 7 | 18.97 | 18.84 | 18.85 | 19.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 19.19 | 19.11 | 19.29 | | | | |
| 5 | 64QAM | 25 | 0 | 19.06 | 18.89 | 19.02 | 19.7 | 0 | | |
| 5 | 256QAM | 1 | 0 | 18.82 | 18.94 | 19.01 | | | | |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.98 | 18.94 | 19.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.81 | 18.89 | 18.97 | | | | |
| 5 | 256QAM | 12 | 0 | 18.90 | 18.94 | 18.83 | 19.7 | 0 | | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.85 | 18.79 | | | | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.81 | 18.88 | 19.7 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.84 | 19.06 | 18.87 | | | | |

| Band 41 Ant4 DS11 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 17.43 | 17.44 | 17.65 | 17.40 | 17.46 | 18.2 | 0 |
| 20 | QPSK | 1 | 49 | 17.27 | 17.41 | 17.41 | 17.39 | 17.52 | | |
| 20 | QPSK | 1 | 99 | 17.27 | 17.39 | 17.41 | 17.16 | 17.26 | 18.2 | 0 |
| 20 | QPSK | 50 | 0 | 17.48 | 17.53 | 17.58 | 17.42 | 17.36 | | |
| 20 | QPSK | 50 | 24 | 17.54 | 17.42 | 17.39 | 17.41 | 17.56 | 18.2 | 0 |
| 20 | QPSK | 50 | 50 | 17.44 | 17.52 | 17.43 | 17.38 | 17.27 | | |
| 20 | QPSK | 100 | 0 | 17.23 | 17.37 | 17.43 | 17.29 | 17.42 | 18.2 | 0 |
| 20 | 16QAM | 1 | 0 | 17.31 | 17.42 | 17.53 | 17.56 | 17.51 | | |
| 20 | 16QAM | 1 | | | | | | | | |



Reduced Power Mode for WWAN for DSI 3

| GSM850 Ant0 Default | | | | | | | | |
|---------------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| GSM850 | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
| | 128 | 180 | 251 | | 128 | 180 | 251 | |
| TX Channel | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | 25.00 |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | 25.00 |
| GSM 1 Tx slot | 32.81 | 32.86 | 32.92 | 34.00 | 23.81 | 23.86 | 23.92 | 25.00 |
| GPRS 1 Tx slot | 32.80 | 32.85 | 32.90 | 34.00 | 23.80 | 23.85 | 23.90 | 25.00 |
| GPRS 2 Tx slots | 29.93 | 29.96 | 29.98 | 31.00 | 23.93 | 23.96 | 23.98 | 25.00 |
| GPRS 3 Tx slots | 28.11 | 28.13 | 28.04 | 29.20 | 23.85 | 23.87 | 23.78 | 24.94 |
| GPRS 4 Tx slots | 27.05 | 27.11 | 26.94 | 28.00 | 24.05 | 24.11 | 23.94 | 25.00 |
| EDGE 1 Tx slot | 26.72 | 26.88 | 26.79 | 28.00 | 17.72 | 17.88 | 17.79 | 19.00 |
| EDGE 2 Tx slots | 23.77 | 23.85 | 23.87 | 25.00 | 17.77 | 17.85 | 17.87 | 19.00 |
| EDGE 3 Tx slots | 21.02 | 22.06 | 21.99 | 23.20 | 17.66 | 17.80 | 17.73 | 18.94 |
| EDGE 4 Tx slots | 20.66 | 20.79 | 20.72 | 22.00 | 17.66 | 17.79 | 17.72 | 19.00 |

| WCDMA V Ant0 Default | | | | |
|------------------------------------|---------|-------|-------|---------------------|
| Band | WCDMA V | | | Tune-up Limit (dBm) |
| | 4132 | 4182 | 4233 | |
| TX Channel | 4357 | 4407 | 4458 | |
| Rx Channel | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | |
| 3GPP Rel 99 AMR 12.2Kbps | 24.03 | 24.11 | 24.10 | 25.00 |
| 3GPP Rel 99 RMC 12.2Kbps | 24.05 | 24.12 | 24.11 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 23.03 | 23.06 | 22.99 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 23.05 | 23.15 | 22.92 | 25.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.62 | 22.45 | 22.63 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.59 | 22.51 | 22.68 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.23 | 23.09 | 23.05 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 23.06 | 23.06 | 22.94 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.67 | 22.55 | 22.48 | 23.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.61 | 22.59 | 22.57 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.11 | 23.03 | 23.11 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.26 | 20.98 | 21.08 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.16 | 22.13 | 21.94 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.13 | 21.04 | 20.88 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.15 | 23.11 | 23.15 | 24.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.60 | 20.57 | 20.53 | 21.50 |

| Band 5 Ant0 Default | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 20450 | 20525 | 20600 | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.49 | 24.40 | 25.5 | 0 | |
| 10 | QPSK | 1 | 25 | 24.37 | 24.39 | 24.33 | | | |
| 10 | QPSK | 1 | 49 | 24.21 | 24.34 | 24.20 | | | |
| 10 | QPSK | 25 | 0 | 24.37 | 24.47 | 24.43 | 25.5 | 0 | |
| 10 | QPSK | 25 | 12 | 24.42 | 24.42 | 24.42 | | | |
| 10 | QPSK | 25 | 25 | 24.41 | 24.44 | 24.39 | | | |
| 10 | QPSK | 50 | 0 | 24.29 | 24.45 | 24.41 | 25.5 | 0 | |
| 10 | 16QAM | 1 | 0 | 24.34 | 24.48 | 24.35 | | | |
| 10 | 16QAM | 1 | 25 | 24.35 | 24.43 | 24.35 | | | |
| 10 | 16QAM | 1 | 49 | 24.42 | 24.33 | 24.33 | 24.5 | 1 | |
| 10 | 16QAM | 25 | 0 | 23.39 | 23.47 | 23.42 | | | |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.37 | 23.40 | | | |
| 10 | 16QAM | 25 | 25 | 23.42 | 23.37 | 23.40 | 24.5 | 1 | |
| 10 | 16QAM | 50 | 0 | 23.36 | 23.49 | 23.39 | | | |
| 10 | 64QAM | 1 | 0 | 23.52 | 23.56 | 23.46 | | | |
| 10 | 64QAM | 1 | 25 | 23.53 | 23.47 | 23.44 | 24.5 | 1 | |
| 10 | 64QAM | 1 | 49 | 23.47 | 23.43 | 23.54 | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.46 | 22.37 | | | |
| 10 | 64QAM | 25 | 12 | 22.33 | 22.32 | 22.36 | 23.5 | 2 | |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.37 | 22.38 | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.48 | 22.41 | | | |
| 10 | 256QAM | 1 | 0 | 19.36 | 19.51 | 19.42 | 20.5 | 5 | |
| 10 | 256QAM | 1 | 25 | 19.40 | 19.46 | 19.46 | | | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.39 | 19.39 | | | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.40 | 19.38 | 20.5 | 5 | |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.31 | 19.37 | | | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.24 | 19.27 | | | |
| 10 | 256QAM | 50 | 0 | 19.42 | 19.45 | 19.34 | | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.37 | 24.34 | 25.5 | 0 | |
| 5 | QPSK | 1 | 12 | 24.25 | 24.26 | 24.27 | | | |
| 5 | QPSK | 1 | 24 | 24.08 | 24.22 | 24.12 | | | |
| 5 | QPSK | 12 | 0 | 24.34 | 24.45 | 24.30 | 25.5 | 0 | |
| 5 | QPSK | 12 | 7 | 24.33 | 24.39 | 24.32 | | | |
| 5 | QPSK | 12 | 13 | 24.36 | 24.39 | 24.36 | | | |
| 5 | QPSK | 25 | 0 | 24.26 | 24.30 | 24.30 | 25.5 | 0 | |
| 5 | 16QAM | 1 | 0 | 24.23 | 24.37 | 24.25 | | | |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.33 | 24.28 | | | |
| 5 | 16QAM | 1 | 24 | 24.33 | 24.19 | 24.26 | 24.5 | 1 | |
| 5 | 16QAM | 12 | 0 | 23.30 | 23.33 | 23.35 | | | |
| 5 | 16QAM | 12 | 7 | 23.35 | 23.34 | 23.34 | | | |
| 5 | 16QAM | 12 | 13 | 23.39 | 23.33 | 23.30 | 24.5 | 1 | |
| 5 | 16QAM | 25 | 0 | 23.34 | 23.39 | 23.30 | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.52 | 23.34 | | | |
| 5 | 64QAM | 1 | 12 | 23.39 | 23.34 | 23.28 | 23.5 | 2 | |
| 5 | 64QAM | 1 | 24 | 23.37 | 23.35 | 23.46 | | | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.39 | 22.23 | | | |
| 5 | 64QAM | 12 | 7 | 22.23 | 22.23 | 22.30 | 20.5 | 5 | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.33 | 22.23 | | | |
| 5 | 64QAM | 25 | 0 | 22.30 | 22.42 | 22.38 | | | |
| 5 | 256QAM | 1 | 0 | 19.34 | 19.40 | 19.31 | 20.5 | 5 | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.39 | 19.30 | | | |
| 5 | 256QAM | 1 | 24 | 19.35 | 19.24 | 19.28 | | | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.26 | 19.34 | 20.5 | 5 | |
| 5 | 256QAM | 12 | 7 | 19.29 | 19.15 | 19.35 | | | |
| 5 | 256QAM | 12 | 13 | 19.24 | 19.21 | 19.13 | | | |
| 5 | 256QAM | 25 | 0 | 19.36 | 19.38 | 19.25 | | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | |
| 3 | QPSK | 1 | 0 | 24.28 | 24.45 | 24.29 | 25.5 | 0 | |
| 3 | QPSK | 1 | 8 | 24.32 | 24.28 | 24.21 | | | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.20 | 24.11 | | | |
| 3 | QPSK | 8 | 0 | 24.31 | 24.41 | 24.29 | 25.5 | 0 | |
| 3 | QPSK | 8 | 4 | 24.40 | 24.38 | 24.40 | | | |
| 3 | QPSK | 8 | 7 | 24.33 | 24.29 | 24.30 | | | |
| 3 | QPSK | 15 | 0 | 24.20 | 24.35 | 24.30 | 25.5 | 0 | |
| 3 | 16QAM | 1 | 0 | 24.21 | 24.39 | 24.31 | | | |
| 3 | 16QAM | 1 | 8 | 24.29 | 24.30 | 24.28 | | | |
| 3 | 16QAM | 1 | 14 | 24.36 | 24.28 | 24.24 | 24.5 | 1 | |
| 3 | 16QAM | 8 | 0 | 23.36 | 23.41 | 23.29 | | | |
| 3 | 16QAM | 8 | 4 | 23.29 | 23.32 | 23.25 | | | |
| 3 | 16QAM | 8 | 7 | 23.33 | 23.29 | 23.30 | 24.5 | 1 | |
| 3 | 16QAM | 15 | 0 | 23.31 | 23.39 | 23.24 | | | |
| 3 | 64QAM | 1 | 0 | 23.44 | 23.45 | 23.32 | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.34 | 23.29 | 24.5 | 1 | |
| 3 | 64QAM | 1 | 14 | 23.32 | 23.33 | 23.44 | | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.40 | 22.25 | | | |
| 3 | 64QAM | 8 | 4 | 22.25 | 22.29 | 22.21 | 23.5 | 2 | |
| 3 | 64QAM | 8 | 7 | 22.30 | 22.27 | 22.29 | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.44 | 22.34 | | | |
| 3 | 256QAM | 1 | 0 | 19.25 | 19.37 | 19.31 | 20.5 | 5 | |
| 3 | 256QAM | 1 | 8 | 19.37 | 19.43 | 19.43 | | | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.36 | 19.29 | | | |
| 3 | 256QAM | 8 | 0 | 19.29 | 19.25 | 19.34 | 20.5 | 5 | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.17 | 19.32 | | | |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.08 | 19.14 | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.33 | 19.23 | | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.44 | 24.34 | 25.5 | 0 | |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.26 | 24.30 | | | |
| 1.4 | QPSK | 1 | 5 | 24.16 | 24.31 | 24.07 | | | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.36 | 24.36 | 25.5 | 0 | |
| 1.4 | QPSK | 3 | 1 | 24.39 | 24.30 | 24.39 | | | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.30 | 24.34 | | | |
| 1.4 | QPSK | 6 | 0 | 24.16 | 24.31 | 24.36 | 25.5 | 0 | |
| 1.4 | 16QAM | 1 | 0 | 24.29 | 24.35 | 24.25 | | | |
| 1.4 | 16QAM | 1 | 3 | 24.25 | 24.40 | 24.32 | | | |
| 1.4 | 16QAM | 1 | 5 | 24.35 | 24.18 | 24.24 | 25.5 | 0 | |
| 1.4 | 16QAM | 3 | 0 | 24.25 | 24.43 | 24.36 | | | |
| 1.4 | 16QAM | 3 | 1 | 24.35 | 24.32 | 24.37 | | | |
| 1.4 | 16QAM | 3 | 3 | 24.37 | 24.33 | 24.34 | 24.5 | 1 | |
| 1.4 | 16QAM | 6 | 0 | 23.32 | 23.39 | 23.29 | | | |
| 1.4 | 64QAM | 1 | 0 | 23.49 | 23.41 | 23.35 | | | |
| 1.4 | 64QAM | 1 | 3 | 23.45 | 23.43 | 23.33 | 24.5 | 1 | |
| 1.4 | 64QAM | 1 | 5 | 23.36 | 23.40 | 23.41 | | | |
| 1.4 | 64QAM | 3 | 0 | 23.29 | 23.37 | 23.29 | | | |
| 1.4 | 64QAM | 3 | 1 | 23.19 | 23.18 | 23.33 | 23.5 | 2 | |
| 1.4 | 64QAM | 3 | 3 | 23.35 | 23.25 | 23.26 | | | |
| 1.4 | 64QAM | 6 | 0 | 22.37 | 22.35 | 22.26 | | | |
| 1.4 | 256QAM | 1 | 0 | 19.31 | 19.46 | 19.39 | 20.5 | 5 | |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.41 | 19.41 | | | |
| 1.4 | 256QAM | 1 | 5 | 19.35 | 19.30 | 19.34 | | | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.29 | 19.34 | 20.5 | 5 | |
| 1.4 | 256QAM | 3 | 1 | 19.23 | 19.22 | 19.34 | | | |
| 1.4 | 256QAM | 3 | 3 | 19.16 | 19.09 | 19.16 | | | |
| 1.4 | 256QAM | 6 | 0 | 19.32 | 19.32 | 19.19 | 20.5 | 5 | |



GSM850 Ant1 Default

| GSM850 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame Average Power (dBm) | | | Tune-up Limit (dBm) |
|----------------------|---------------------------|-------|-------|---------------------------|---------------------------|-------|-------|---------------------------|
| | 128 | 180 | 251 | | 128 | 159 | 251 | |
| Frequency (MHz) | 824.2 | 836.4 | 848.8 | 34.00 | 824.2 | 836.4 | 848.8 | (dBm) |
| GSM 1 Tx slot | 32.66 | 32.68 | 32.63 | 34.00 | 23.66 | 23.68 | 23.63 | 25.00 |
| GPRS 1 Tx slot | 32.65 | 32.67 | 32.61 | 34.00 | 23.65 | 23.67 | 23.61 | 25.00 |
| GPRS 2 Tx slots | 29.68 | 29.60 | 29.53 | 31.00 | 23.68 | 23.60 | 23.53 | 25.00 |
| GPRS 3 Tx slots | 27.71 | 27.69 | 27.69 | 29.20 | 23.45 | 23.43 | 23.43 | 24.94 |
| GPRS 4 Tx slots | 26.51 | 26.54 | 26.45 | 28.00 | 23.51 | 23.54 | 23.45 | 25.00 |
| EDGE 1 Tx slot | 26.50 | 26.59 | 26.43 | 28.00 | 17.50 | 17.59 | 17.43 | 19.00 |
| EDGE 2 Tx slots | 23.63 | 23.69 | 23.59 | 25.00 | 17.63 | 17.69 | 17.59 | 19.00 |
| EDGE 3 Tx slots | 21.82 | 21.95 | 21.78 | 23.20 | 17.56 | 17.69 | 17.52 | 18.94 |
| EDGE 4 Tx slots | 20.52 | 20.57 | 20.46 | 22.00 | 17.52 | 17.57 | 17.46 | 19.00 |

WCDMA V Ant1 Default

| Band TX Channel | WCDMA V | | | Tune-up Limit (dBm) |
|------------------------------------|---------|-------|-------|---------------------------|
| | 4132 | 4182 | 4233 | |
| Rx Channel | 4357 | 4407 | 4458 | |
| Frequency (MHz) | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 24.07 | 24.11 | 24.06 | 25.50 |
| 3GPP Rel 99 RMC 12.2Kbps | 24.08 | 24.15 | 24.07 | 25.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 23.00 | 23.02 | 23.03 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 22.92 | 23.11 | 23.01 | 24.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 22.59 | 22.47 | 22.67 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 22.57 | 22.66 | 22.68 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 23.15 | 23.20 | 23.16 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 23.03 | 23.12 | 22.97 | 24.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 22.67 | 22.56 | 22.59 | 24.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 22.56 | 22.62 | 22.58 | 24.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 23.01 | 23.13 | 23.20 | 24.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 21.23 | 20.99 | 21.13 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 22.13 | 22.16 | 22.09 | 23.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 21.07 | 21.16 | 21.01 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 23.11 | 23.05 | 23.14 | 24.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 20.50 | 20.64 | 20.54 | 22.00 |

| Band 5 Ant1 Default | | | | | | | | | |
|---------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 20450 | 20525 | 20600 | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 0 | 24.52 | 24.61 | 24.48 | 25.7 | 0 | |
| 10 | QPSK | 1 | 25 | 24.38 | 24.51 | 24.36 | | | |
| 10 | QPSK | 1 | 49 | 24.45 | 24.48 | 24.39 | | | |
| 10 | QPSK | 25 | 0 | 24.39 | 24.53 | 24.51 | 25.7 | 0 | |
| 10 | QPSK | 25 | 12 | 24.46 | 24.46 | 24.46 | | | |
| 10 | QPSK | 25 | 25 | 24.35 | 24.51 | 24.43 | | | |
| 10 | QPSK | 50 | 0 | 24.47 | 24.55 | 24.44 | 25.7 | 0 | |
| 10 | 16QAM | 1 | 0 | 24.43 | 24.59 | 24.50 | | | |
| 10 | 16QAM | 1 | 25 | 24.44 | 24.46 | 24.56 | | | |
| 10 | 16QAM | 1 | 49 | 24.45 | 24.55 | 24.54 | 24.7 | 1 | |
| 10 | 16QAM | 25 | 0 | 23.41 | 23.52 | 23.47 | | | |
| 10 | 16QAM | 25 | 12 | 23.48 | 23.41 | 23.43 | | | |
| 10 | 16QAM | 25 | 25 | 23.45 | 23.46 | 23.43 | 24.7 | 1 | |
| 10 | 16QAM | 50 | 0 | 23.56 | 23.61 | 23.50 | | | |
| 10 | 64QAM | 1 | 0 | 23.53 | 23.63 | 23.48 | | | |
| 10 | 64QAM | 1 | 25 | 23.56 | 23.49 | 23.57 | 23.7 | 2 | |
| 10 | 64QAM | 1 | 49 | 23.56 | 23.60 | 23.54 | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.49 | 22.43 | | | |
| 10 | 64QAM | 25 | 12 | 22.34 | 22.34 | 22.36 | 20.7 | 5 | |
| 10 | 64QAM | 25 | 25 | 22.34 | 22.34 | 22.46 | | | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.58 | 22.51 | | | |
| 10 | 256QAM | 1 | 0 | 19.60 | 19.60 | 19.51 | 20.7 | 5 | |
| 10 | 256QAM | 1 | 25 | 19.45 | 19.55 | 19.55 | | | |
| 10 | 256QAM | 1 | 49 | 19.48 | 19.46 | 19.48 | | | |
| 10 | 256QAM | 25 | 0 | 19.40 | 19.52 | 19.38 | 20.7 | 5 | |
| 10 | 256QAM | 25 | 12 | 19.43 | 19.45 | 19.46 | | | |
| 10 | 256QAM | 25 | 25 | 19.38 | 19.48 | 19.40 | | | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.53 | 19.43 | | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 0 | 24.38 | 24.57 | 24.45 | 25.7 | 0 | |
| 5 | QPSK | 1 | 12 | 24.26 | 24.48 | 24.34 | | | |
| 5 | QPSK | 1 | 24 | 24.37 | 24.46 | 24.35 | | | |
| 5 | QPSK | 12 | 0 | 24.35 | 24.46 | 24.43 | 25.7 | 0 | |
| 5 | QPSK | 12 | 7 | 24.34 | 24.38 | 24.37 | | | |
| 5 | QPSK | 12 | 13 | 24.20 | 24.38 | 24.27 | | | |
| 5 | QPSK | 25 | 0 | 24.42 | 24.51 | 24.35 | 25.7 | 0 | |
| 5 | 16QAM | 1 | 0 | 24.28 | 24.46 | 24.35 | | | |
| 5 | 16QAM | 1 | 12 | 24.29 | 24.33 | 24.49 | | | |
| 5 | 16QAM | 1 | 24 | 24.41 | 24.52 | 24.39 | 24.7 | 1 | |
| 5 | 16QAM | 12 | 0 | 23.34 | 23.38 | 23.43 | | | |
| 5 | 16QAM | 12 | 7 | 23.36 | 23.29 | 23.28 | | | |
| 5 | 16QAM | 12 | 13 | 23.31 | 23.37 | 23.33 | 24.7 | 1 | |
| 5 | 16QAM | 25 | 0 | 23.41 | 23.48 | 23.48 | | | |
| 5 | 64QAM | 1 | 0 | 23.39 | 23.59 | 23.38 | | | |
| 5 | 64QAM | 1 | 12 | 23.44 | 23.35 | 23.43 | 23.7 | 2 | |
| 5 | 64QAM | 1 | 24 | 23.47 | 23.57 | 23.42 | | | |
| 5 | 64QAM | 12 | 0 | 22.18 | 22.42 | 22.37 | | | |
| 5 | 64QAM | 12 | 7 | 22.22 | 22.25 | 22.31 | 20.7 | 5 | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.25 | 22.40 | | | |
| 5 | 64QAM | 25 | 0 | 22.35 | 22.50 | 22.36 | | | |
| 5 | 256QAM | 1 | 0 | 19.45 | 19.57 | 19.39 | 20.7 | 5 | |
| 5 | 256QAM | 1 | 12 | 19.36 | 19.53 | 19.43 | | | |
| 5 | 256QAM | 1 | 24 | 19.41 | 19.37 | 19.39 | | | |
| 5 | 256QAM | 12 | 0 | 19.29 | 19.39 | 19.36 | 20.7 | 5 | |
| 5 | 256QAM | 12 | 7 | 19.31 | 19.37 | 19.42 | | | |
| 5 | 256QAM | 12 | 13 | 19.30 | 19.38 | 19.25 | | | |
| 5 | 256QAM | 25 | 0 | 19.28 | 19.38 | 19.29 | | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | | |
| 3 | QPSK | 1 | 0 | 24.37 | 24.48 | 24.35 | 25.7 | 0 | |
| 3 | QPSK | 1 | 8 | 24.29 | 24.41 | 24.28 | | | |
| 3 | QPSK | 1 | 14 | 24.37 | 24.41 | 24.29 | | | |
| 3 | QPSK | 8 | 0 | 24.25 | 24.40 | 24.46 | 25.7 | 0 | |
| 3 | QPSK | 8 | 4 | 24.36 | 24.32 | 24.34 | | | |
| 3 | QPSK | 8 | 7 | 24.23 | 24.48 | 24.40 | | | |
| 3 | QPSK | 15 | 0 | 24.36 | 24.43 | 24.39 | 25.7 | 0 | |
| 3 | 16QAM | 1 | 0 | 24.35 | 24.52 | 24.40 | | | |
| 3 | 16QAM | 1 | 8 | 24.35 | 24.32 | 24.50 | | | |
| 3 | 16QAM | 1 | 14 | 24.35 | 24.51 | 24.40 | 24.7 | 1 | |
| 3 | 16QAM | 8 | 0 | 23.26 | 23.41 | 23.43 | | | |
| 3 | 16QAM | 8 | 4 | 23.38 | 23.25 | 23.36 | | | |
| 3 | 16QAM | 8 | 7 | 23.42 | 23.38 | 23.33 | 24.7 | 1 | |
| 3 | 16QAM | 15 | 0 | 23.44 | 23.48 | 23.36 | | | |
| 3 | 64QAM | 1 | 0 | 23.51 | 23.48 | 23.41 | | | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.39 | 23.46 | 24.7 | 1 | |
| 3 | 64QAM | 1 | 14 | 23.53 | 23.54 | 23.48 | | | |
| 3 | 64QAM | 8 | 0 | 22.28 | 22.46 | 22.41 | | | |
| 3 | 64QAM | 8 | 4 | 22.18 | 22.20 | 22.29 | 23.7 | 2 | |
| 3 | 64QAM | 8 | 7 | 22.27 | 22.27 | 22.42 | | | |
| 3 | 64QAM | 15 | 0 | 22.32 | 22.46 | 22.43 | | | |
| 3 | 256QAM | 1 | 0 | 19.39 | 19.44 | 19.40 | 20.7 | 5 | |
| 3 | 256QAM | 1 | 8 | 19.38 | 19.49 | 19.42 | | | |
| 3 | 256QAM | 1 | 14 | 19.44 | 19.32 | 19.39 | | | |
| 3 | 256QAM | 8 | 0 | 19.34 | 19.45 | 19.30 | 20.7 | 5 | |
| 3 | 256QAM | 8 | 4 | 19.41 | 19.37 | 19.37 | | | |
| 3 | 256QAM | 8 | 7 | 19.24 | 19.34 | 19.36 | | | |
| 3 | 256QAM | 15 | 0 | 19.29 | 19.39 | 19.33 | | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | | |
| 1.4 | QPSK | 1 | 0 | 24.49 | 24.59 | 24.37 | 25.7 | 0 | |
| 1.4 | QPSK | 1 | 3 | 24.36 | 24.46 | 24.32 | | | |
| 1.4 | QPSK | 1 | 5 | 24.40 | 24.43 | 24.32 | | | |
| 1.4 | QPSK | 3 | 0 | 24.31 | 24.50 | 24.37 | 25.7 | 0 | |
| 1.4 | QPSK | 3 | 1 | 24.31 | 24.37 | 24.33 | | | |
| 1.4 | QPSK | 3 | 3 | 24.19 | 24.39 | 24.31 | | | |
| 1.4 | QPSK | 6 | 0 | 24.45 | 24.40 | 24.35 | 25.7 | 0 | |
| 1.4 | 16QAM | 1 | 0 | 24.36 | 24.56 | 24.38 | | | |
| 1.4 | 16QAM | 1 | 3 | 24.34 | 24.33 | 24.53 | | | |
| 1.4 | 16QAM | 1 | 5 | 24.39 | 24.44 | 24.52 | 25.7 | 0 | |
| 1.4 | 16QAM | 3 | 0 | 24.37 | 24.47 | 24.42 | | | |
| 1.4 | 16QAM | 3 | 1 | 24.41 | 24.34 | 24.39 | | | |
| 1.4 | 16QAM | 3 | 3 | 24.36 | 24.31 | 24.38 | 24.7 | 1 | |
| 1.4 | 16QAM | 6 | 0 | 23.52 | 23.54 | 23.45 | | | |
| 1.4 | 64QAM | 1 | 0 | 23.50 | 23.54 | 23.38 | | | |
| 1.4 | 64QAM | 1 | 3 | 23.44 | 23.47 | 23.54 | 24.7 | 1 | |
| 1.4 | 64QAM | 1 | 5 | 23.46 | 23.45 | 23.43 | | | |
| 1.4 | 64QAM | 3 | 0 | 23.20 | 23.37 | 23.38 | | | |
| 1.4 | 64QAM | 3 | 1 | 23.29 | 23.19 | 23.34 | 23.7 | 2 | |
| 1.4 | 64QAM | 3 | 3 | 23.28 | 23.20 | 23.37 | | | |
| 1.4 | 64QAM | 6 | 0 | 22.35 | 22.49 | 22.41 | | | |
| 1.4 | 256QAM | 1 | 0 | 19.47 | 19.45 | 19.45 | 20.7 | 5 | |
| 1.4 | 256QAM | 1 | 3 | 19.32 | 19.51 | 19.41 | | | |
| 1.4 | 256QAM | 1 | 5 | 19.42 | 19.33 | 19.46 | | | |
| 1.4 | 256QAM | 3 | 0 | 19.29 | 19.37 | 19.29 | 20.7 | 5 | |
| 1.4 | 256QAM | 3 | 1 | 19.35 | 19.35 | 19.40 | | | |
| 1.4 | 256QAM | 3 | 3 | 19.22 | 19.40 | 19.32 | | | |
| 1.4 | 256QAM | 6 | 0 | 19.40 | 19.37 | 19.35 | 20.7 | 5 | |



| | | WCDMA V Ant2 DSI 3 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.20 | 22.24 | 22.17 | 23.00 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.21 | 22.25 | 22.18 | 23.00 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 20.95 | 21.10 | 20.94 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.03 | 21.19 | 20.96 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.47 | 20.42 | 20.60 | 21.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.64 | 20.52 | 20.44 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 21.16 | 21.00 | 20.98 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 21.05 | 21.18 | 20.92 | 22.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 20.71 | 20.52 | 20.57 | 21.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 20.59 | 20.58 | 20.49 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.07 | 21.21 | 21.12 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.20 | 19.02 | 19.07 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.21 | 20.25 | 20.05 | 21.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.10 | 19.03 | 18.85 | 20.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 20.94 | 21.15 | 21.12 | 22.00 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.59 | 18.57 | 18.42 | 19.50 |



| Band 4 Ant2 DS1 3 | | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|----------------------|----------------------|----------------------|--------------------|----------|---|
| BR [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. Freq. | Power High Ch. Freq. | Power Mode Ch. Freq. | Power High Ch. Freq. | Turn-up time (sec) | MFR (dB) | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | OFDM | 1 | 0 | 22.88 | 23.14 | 22.96 | 23.14 | | | |
| 20 | OFDM | 1 | 99 | 22.73 | 22.88 | 22.81 | 22.85 | | 23.7 | 0 |
| 20 | OFDM | 1 | 99 | 22.73 | 22.88 | 22.71 | 22.71 | | | |
| 20 | OFDM | 50 | 24 | 22.94 | 22.93 | 22.89 | 22.89 | | | |
| 20 | OFDM | 50 | 50 | 22.70 | 22.82 | 22.87 | 22.87 | | 23.7 | 0 |
| 20 | OFDM | 50 | 75 | 22.74 | 22.74 | 22.74 | 22.74 | | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 22.99 | 22.85 | 22.85 | | 23.7 | 0 |
| 20 | 16QAM | 1 | 49 | 22.86 | 22.86 | 22.78 | 22.78 | | | |
| 20 | 16QAM | 1 | 99 | 22.88 | 22.88 | 22.81 | 22.81 | | | |
| 20 | 16QAM | 50 | 24 | 22.79 | 22.99 | 22.99 | 22.99 | | | |
| 20 | 16QAM | 50 | 24 | 22.79 | 22.82 | 22.71 | 22.71 | | 23.7 | 0 |
| 20 | 16QAM | 50 | 75 | 22.72 | 22.72 | 22.89 | 22.89 | | | |
| 20 | 16QAM | 100 | 0 | 22.82 | 22.92 | 22.80 | 22.80 | | | |
| 20 | 84QAM | 1 | 49 | 22.92 | 22.98 | 22.81 | 22.81 | | 23.7 | 0 |
| 20 | 84QAM | 1 | 99 | 22.74 | 22.84 | 22.89 | 22.89 | | | |
| 20 | 84QAM | 50 | 0 | 22.94 | 22.98 | 22.74 | 22.74 | | | |
| 20 | 84QAM | 50 | 24 | 22.79 | 22.85 | 22.75 | 22.75 | | 23.7 | 0 |
| 20 | 84QAM | 50 | 50 | 22.81 | 22.85 | 22.85 | 22.85 | | | |
| 20 | 84QAM | 100 | 0 | 22.90 | 22.91 | 22.80 | 22.80 | | | |
| 20 | 256QAM | 1 | 0 | 19.73 | 19.83 | 19.84 | 19.84 | | 20.7 | 3 |
| 20 | 256QAM | 1 | 49 | 19.86 | 19.91 | 19.83 | 19.83 | | | |
| 20 | 256QAM | 1 | 99 | 19.80 | 19.87 | 19.84 | 19.84 | | | |
| 20 | 256QAM | 50 | 24 | 19.86 | 19.74 | 19.83 | 19.83 | | 20.7 | 3 |
| 20 | 256QAM | 50 | 50 | 19.88 | 19.74 | 19.83 | 19.83 | | | |
| 20 | 256QAM | 100 | 0 | 19.88 | 19.75 | 19.77 | 19.77 | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | OFDM | 1 | 0 | 22.73 | 22.96 | 22.88 | 22.88 | | | |
| 15 | OFDM | 1 | 37 | 22.81 | 22.81 | 22.81 | 22.81 | | 23.7 | 0 |
| 15 | OFDM | 1 | 74 | 22.84 | 22.86 | 22.82 | 22.82 | | | |
| 15 | OFDM | 36 | 0 | 22.77 | 22.86 | 22.82 | 22.82 | | | |
| 15 | OFDM | 36 | 36 | 22.83 | 22.88 | 22.82 | 22.82 | | | |
| 15 | OFDM | 36 | 36 | 22.80 | 22.81 | 22.71 | 22.71 | | 23.7 | 0 |
| 15 | OFDM | 75 | 0 | 22.83 | 22.81 | 22.74 | 22.74 | | | |
| 15 | 16QAM | 1 | 0 | 22.79 | 22.99 | 22.85 | 22.85 | | | |
| 15 | 16QAM | 1 | 37 | 22.72 | 22.82 | 22.85 | 22.85 | | 23.7 | 0 |
| 15 | 16QAM | 1 | 74 | 22.91 | 22.87 | 22.78 | 22.78 | | | |
| 15 | 16QAM | 36 | 0 | 22.79 | 22.88 | 22.87 | 22.87 | | | |
| 15 | 16QAM | 36 | 36 | 22.81 | 22.78 | 22.77 | 22.77 | | 23.7 | 0 |
| 15 | 16QAM | 75 | 0 | 22.71 | 22.85 | 22.83 | 22.83 | | | |
| 15 | 84QAM | 1 | 0 | 22.83 | 23.10 | 23.02 | 23.02 | | | |
| 15 | 84QAM | 1 | 37 | 22.86 | 22.97 | 22.89 | 22.89 | | 23.7 | 0 |
| 15 | 84QAM | 1 | 74 | 22.83 | 22.97 | 22.89 | 22.89 | | | |
| 15 | 84QAM | 36 | 0 | 22.81 | 22.75 | 22.64 | 22.64 | | | |
| 15 | 84QAM | 36 | 36 | 22.70 | 22.85 | 22.85 | 22.85 | | | |
| 15 | 84QAM | 36 | 36 | 22.87 | 22.88 | 22.86 | 22.86 | | 23.7 | 0 |
| 15 | 84QAM | 75 | 0 | 22.79 | 22.87 | 22.76 | 22.76 | | | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.92 | 19.82 | 19.82 | | 20.7 | 3 |
| 15 | 256QAM | 1 | 74 | 19.89 | 19.89 | 19.81 | 19.81 | | | |
| 15 | 256QAM | 36 | 0 | 19.81 | 19.74 | 19.88 | 19.88 | | 20.7 | 3 |
| 15 | 256QAM | 36 | 36 | 19.76 | 19.80 | 19.84 | 19.84 | | | |
| 15 | 256QAM | 75 | 0 | 19.77 | 19.85 | 19.85 | 19.85 | | | |
| 15 | 256QAM | 75 | 0 | 19.77 | 19.85 | 19.85 | 19.85 | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | OFDM | 1 | 0 | 22.89 | 23.06 | 22.74 | 22.74 | | | |
| 10 | OFDM | 1 | 25 | 22.91 | 23.08 | 22.79 | 22.79 | | 23.7 | 0 |
| 10 | OFDM | 1 | 25 | 22.89 | 23.07 | 22.81 | 22.81 | | | |
| 10 | OFDM | 25 | 0 | 22.84 | 23.04 | 23.05 | 23.05 | | | |
| 10 | OFDM | 25 | 12 | 22.92 | 23.03 | 22.96 | 22.96 | | 23.7 | 0 |
| 10 | OFDM | 25 | 12 | 22.92 | 23.03 | 22.96 | 22.96 | | | |
| 10 | OFDM | 50 | 0 | 22.89 | 23.11 | 22.89 | 22.89 | | | |
| 10 | 16QAM | 1 | 0 | 22.86 | 23.00 | 23.00 | 23.00 | | | |
| 10 | 16QAM | 1 | 25 | 22.93 | 23.00 | 22.73 | 22.73 | | 23.7 | 0 |
| 10 | 16QAM | 1 | 49 | 22.83 | 23.03 | 22.85 | 22.85 | | | |
| 10 | 16QAM | 25 | 0 | 22.86 | 22.92 | 22.86 | 22.86 | | | |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.86 | 22.88 | 22.88 | | 23.7 | 0 |
| 10 | 16QAM | 25 | 12 | 22.79 | 22.89 | 22.82 | 22.82 | | | |
| 10 | 16QAM | 50 | 0 | 22.73 | 23.07 | 23.03 | 23.03 | | | |
| 10 | 84QAM | 1 | 0 | 22.73 | 23.07 | 23.03 | 23.03 | | | |
| 10 | 84QAM | 1 | 25 | 22.98 | 22.99 | 22.80 | 22.80 | | 23.7 | 0 |
| 10 | 84QAM | 1 | 49 | 22.79 | 22.81 | 22.83 | 22.83 | | | |
| 10 | 84QAM | 25 | 0 | 22.79 | 22.81 | 22.89 | 22.89 | | | |
| 10 | 84QAM | 25 | 12 | 22.83 | 22.70 | 22.69 | 22.69 | | 23.7 | 0 |
| 10 | 84QAM | 25 | 12 | 22.83 | 22.70 | 22.69 | 22.69 | | | |
| 10 | 84QAM | 50 | 0 | 22.77 | 22.94 | 22.75 | 22.75 | | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.81 | 19.81 | 19.81 | | 20.7 | 3 |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.83 | 19.89 | 19.89 | | | |
| 10 | 256QAM | 1 | 49 | 19.83 | 19.79 | 19.83 | 19.83 | | | |
| 10 | 256QAM | 25 | 0 | 19.83 | 19.82 | 19.74 | 19.74 | | 20.7 | 3 |
| 10 | 256QAM | 25 | 12 | 19.83 | 19.80 | 19.84 | 19.84 | | | |
| 10 | 256QAM | 25 | 12 | 19.86 | 19.78 | 19.82 | 19.82 | | | |
| 10 | 256QAM | 50 | 0 | 19.83 | 19.74 | 19.85 | 19.85 | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | OFDM | 1 | 0 | 22.80 | 22.92 | 22.80 | 22.80 | | | |
| 5 | OFDM | 1 | 12 | 22.86 | 23.04 | 22.80 | 22.80 | | 23.7 | 0 |
| 5 | OFDM | 1 | 24 | 22.80 | 22.88 | 22.79 | 22.79 | | | |
| 5 | OFDM | 12 | 0 | 22.80 | 22.80 | 22.80 | 22.80 | | | |
| 5 | OFDM | 12 | 7 | 22.91 | 22.88 | 22.83 | 22.83 | | | |
| 5 | OFDM | 12 | 13 | 22.87 | 22.89 | 22.79 | 22.79 | | 23.7 | 0 |
| 5 | OFDM | 25 | 0 | 22.86 | 22.86 | 22.88 | 22.88 | | | |
| 5 | 16QAM | 1 | 0 | 22.81 | 22.92 | 22.78 | 22.78 | | | |
| 5 | 16QAM | 1 | 12 | 22.77 | 23.00 | 22.80 | 22.80 | | 23.7 | 0 |
| 5 | 16QAM | 1 | 24 | 22.97 | 23.01 | 22.73 | 22.73 | | | |
| 5 | 16QAM | 12 | 0 | 22.81 | 23.04 | 23.10 | 23.10 | | | |
| 5 | 16QAM | 12 | 7 | 22.88 | 22.73 | 22.73 | 22.73 | | 23.7 | 0 |
| 5 | 16QAM | 12 | 13 | 22.82 | 23.06 | 22.84 | 22.84 | | | |
| 5 | 16QAM | 25 | 0 | 22.78 | 22.92 | 22.89 | 22.89 | | | |
| 5 | 84QAM | 1 | 0 | 22.72 | 23.07 | 23.08 | 23.08 | | | |
| 5 | 84QAM | 1 | 12 | 23.05 | 22.84 | 22.81 | 22.81 | | 23.7 | 0 |
| 5 | 84QAM | 1 | 24 | 22.92 | 23.13 | 23.04 | 23.04 | | | |
| 5 | 84QAM | 12 | 0 | 22.77 | 22.77 | 22.83 | 22.83 | | | |
| 5 | 84QAM | 12 | 7 | 22.84 | 22.70 | 22.83 | 22.83 | | 23.7 | 0 |
| 5 | 84QAM | 12 | 13 | 22.74 | 22.70 | 22.79 | 22.79 | | | |
| 5 | 84QAM | 25 | 0 | 22.82 | 22.86 | 22.83 | 22.83 | | | |
| 5 | 256QAM | 1 | 12 | 19.81 | 19.87 | 19.75 | 19.75 | | 20.7 | 3 |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.82 | 19.82 | 19.82 | | | |
| 5 | 256QAM | 12 | 0 | 19.89 | 19.80 | 19.85 | 19.85 | | | |
| 5 | 256QAM | 12 | 7 | 19.80 | 19.82 | 19.81 | 19.81 | | 20.7 | 3 |
| 5 | 256QAM | 12 | 13 | 19.78 | 19.79 | 19.80 | 19.80 | | | |
| 5 | 256QAM | 25 | 0 | 19.80 | 19.87 | 19.88 | 19.88 | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | OFDM | 1 | 0 | 22.88 | 23.05 | 22.80 | 22.80 | | | |
| 1.4 | OFDM | 1 | 3 | 22.77 | 23.07 | 22.88 | 22.88 | | 23.7 | 0 |
| 1.4 | OFDM | 3 | 0 | 22.95 | 23.05 | 22.89 | 22.89 | | | |
| 1.4 | OFDM | 3 | 1 | 23.05 | 22.88 | 22.82 | 22.82 | | | |
| 1.4 | OFDM | 6 | 0 | 22.70 | 23.06 | 22.78 | 22.78 | | 23.7 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.71 | 22.73 | 22.78 | 22.78 | | | |
| 1.4 | 16QAM | 1 | 3 | 22.73 | 22.73 | 22.84 | 22.84 | | | |
| 1.4 | 16QAM | 1 | 5 | 22.82 | 23.08 | 22.71 | 22.71 | | 23.7 | 0 |
| 1.4 | 16QAM | 3 | 0 | 22.72 | 22.97 | 22.85 | 22.85 | | | |
| 1.4 | 16QAM | 3 | 1 | 22.87 | 22.86 | 22.89 | 22.89 | | | |
| 1.4 | 16QAM | 6 | 0 | 22.86 | 22.81 | 22.83 | 22.83 | | 23.7 | 0 |
| 1.4 | 84QAM | 1 | 0 | 22.81 | 23.08 | 22.81 | 22.81 | | | |
| 1.4 | 84QAM | 1 | 3 | 23.04 | 22.80 | 22.79 | 22.79 | | 23 | |



| Band 38 Ant2 Default | | | | | | | | | | |
|----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 24.98 | 25.14 | 25.00 | | | | |
| 20 | QPSK | 1 | 49 | 24.92 | 25.03 | 24.97 | 25.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 24.95 | 24.99 | 24.93 | | | | |
| 20 | QPSK | 50 | 0 | 24.09 | 24.12 | 23.97 | | | | |
| 20 | QPSK | 50 | 24 | 24.00 | 24.06 | 23.94 | 24.7 | 1 | | |
| 20 | QPSK | 50 | 50 | 23.86 | 23.90 | 23.76 | | | | |
| 20 | QPSK | 100 | 0 | 23.87 | 23.96 | 23.89 | | | | |
| 20 | 16QAM | 1 | 0 | 24.01 | 24.11 | 23.99 | 24.7 | 1 | | |
| 20 | 16QAM | 1 | 49 | 23.90 | 24.03 | 23.91 | | | | |
| 20 | 16QAM | 1 | 99 | 23.92 | 23.97 | 23.87 | | | | |
| 20 | 16QAM | 50 | 0 | 23.06 | 23.18 | 23.01 | | | | |
| 20 | 16QAM | 50 | 24 | 22.96 | 23.08 | 23.00 | | | | |
| 20 | 16QAM | 50 | 50 | 23.07 | 23.12 | 23.03 | 23.7 | 2 | | |
| 20 | 16QAM | 100 | 0 | 23.01 | 23.09 | 23.01 | | | | |
| 20 | 64QAM | 1 | 0 | 23.08 | 23.14 | 23.05 | | | | |
| 20 | 64QAM | 1 | 49 | 22.97 | 22.99 | 22.87 | 23.7 | 2 | | |
| 20 | 64QAM | 1 | 99 | 22.96 | 23.10 | 22.98 | | | | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.15 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 21.93 | 22.05 | 21.91 | | | | |
| 20 | 64QAM | 50 | 50 | 21.95 | 22.12 | 22.00 | 22.7 | 3 | | |
| 20 | 64QAM | 100 | 0 | 22.01 | 22.16 | 22.04 | | | | |
| 20 | 256QAM | 1 | 0 | 19.89 | 20.02 | 19.93 | | | | |
| 20 | 256QAM | 1 | 49 | 19.79 | 19.99 | 19.85 | 20.7 | 5 | | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.95 | 19.86 | | | | |
| 20 | 256QAM | 50 | 0 | 20.07 | 20.22 | 20.08 | | | | |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.05 | 20.04 | | | | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.16 | 20.00 | 20.7 | 5 | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.07 | 20.00 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 24.83 | 25.10 | 24.91 | 25.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 24.86 | 24.89 | 24.85 | | | | |
| 15 | QPSK | 1 | 74 | 24.80 | 24.85 | 24.89 | | | | |
| 15 | QPSK | 36 | 0 | 23.97 | 24.01 | 23.85 | | | | |
| 15 | QPSK | 36 | 20 | 23.96 | 23.98 | 23.81 | 24.7 | 1 | | |
| 15 | QPSK | 36 | 39 | 23.81 | 23.80 | 23.62 | | | | |
| 15 | QPSK | 75 | 0 | 23.82 | 23.81 | 23.83 | | | | |
| 15 | 16QAM | 1 | 0 | 23.95 | 23.97 | 23.92 | | | | |
| 15 | 16QAM | 1 | 37 | 23.81 | 23.95 | 23.84 | 24.7 | 1 | | |
| 15 | 16QAM | 1 | 74 | 23.86 | 23.84 | 23.81 | | | | |
| 15 | 16QAM | 36 | 0 | 22.97 | 23.11 | 22.92 | | | | |
| 15 | 16QAM | 36 | 20 | 22.93 | 23.00 | 22.95 | | | | |
| 15 | 16QAM | 36 | 39 | 22.98 | 23.06 | 22.88 | 23.7 | 2 | | |
| 15 | 16QAM | 75 | 0 | 22.91 | 22.96 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 22.97 | 23.01 | 22.91 | | | | |
| 15 | 64QAM | 1 | 37 | 22.84 | 22.96 | 22.75 | 23.7 | 2 | | |
| 15 | 64QAM | 1 | 74 | 22.91 | 23.04 | 22.91 | | | | |
| 15 | 64QAM | 36 | 0 | 21.91 | 22.11 | 22.00 | | | | |
| 15 | 64QAM | 36 | 20 | 21.80 | 22.01 | 21.79 | 22.7 | 3 | | |
| 15 | 64QAM | 36 | 39 | 21.80 | 22.02 | 21.92 | | | | |
| 15 | 64QAM | 75 | 0 | 21.95 | 22.03 | 21.93 | | | | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.94 | 19.90 | | | | |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.88 | 19.77 | 20.7 | 5 | | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.87 | 19.77 | | | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.09 | 20.02 | | | | |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.99 | 19.92 | 20.7 | 5 | | |
| 15 | 256QAM | 36 | 39 | 19.96 | 20.03 | 19.86 | | | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 20.01 | 19.96 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 24.83 | 25.09 | 24.86 | 25.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 24.87 | 24.97 | 24.94 | | | | |
| 10 | QPSK | 1 | 49 | 24.89 | 24.92 | 24.80 | | | | |
| 10 | QPSK | 25 | 0 | 24.03 | 24.03 | 23.94 | | | | |
| 10 | QPSK | 25 | 12 | 23.96 | 23.97 | 23.90 | 24.7 | 1 | | |
| 10 | QPSK | 25 | 25 | 23.78 | 23.79 | 23.62 | | | | |
| 10 | QPSK | 50 | 0 | 23.73 | 23.86 | 23.82 | | | | |
| 10 | 16QAM | 1 | 0 | 23.88 | 23.98 | 23.87 | | | | |
| 10 | 16QAM | 1 | 25 | 23.75 | 23.96 | 23.81 | 24.7 | 1 | | |
| 10 | 16QAM | 1 | 49 | 23.83 | 23.91 | 23.80 | | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.04 | 22.97 | | | | |
| 10 | 16QAM | 25 | 12 | 22.90 | 22.99 | 22.95 | 23.7 | 2 | | |
| 10 | 16QAM | 25 | 25 | 22.94 | 23.06 | 22.94 | | | | |
| 10 | 16QAM | 50 | 0 | 22.89 | 23.05 | 22.97 | | | | |
| 10 | 64QAM | 1 | 0 | 22.94 | 23.09 | 22.90 | | | | |
| 10 | 64QAM | 1 | 25 | 22.91 | 22.90 | 22.79 | 23.7 | 2 | | |
| 10 | 64QAM | 1 | 49 | 22.83 | 22.99 | 22.94 | | | | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.10 | 22.00 | | | | |
| 10 | 64QAM | 25 | 12 | 21.89 | 22.01 | 21.79 | 22.7 | 3 | | |
| 10 | 64QAM | 25 | 25 | 21.88 | 22.01 | 21.92 | | | | |
| 10 | 64QAM | 50 | 0 | 21.88 | 22.12 | 21.89 | | | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | | | | |
| 10 | 256QAM | 1 | 25 | 19.67 | 19.91 | 19.78 | 20.7 | 5 | | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.86 | 19.80 | | | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.13 | 19.96 | | | | |
| 10 | 256QAM | 25 | 12 | 19.82 | 19.93 | 19.85 | 20.7 | 5 | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 20.10 | 19.87 | | | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.97 | 19.92 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 24.88 | 24.99 | 24.85 | 25.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 24.84 | 24.99 | 24.94 | | | | |
| 5 | QPSK | 1 | 24 | 24.90 | 24.87 | 24.85 | | | | |
| 5 | QPSK | 12 | 0 | 24.01 | 23.97 | 23.92 | | | | |
| 5 | QPSK | 12 | 7 | 23.95 | 23.98 | 23.87 | 24.7 | 1 | | |
| 5 | QPSK | 12 | 13 | 23.83 | 23.79 | 23.70 | | | | |
| 5 | QPSK | 25 | 0 | 23.75 | 23.87 | 23.76 | | | | |
| 5 | 16QAM | 1 | 0 | 23.88 | 24.03 | 23.88 | | | | |
| 5 | 16QAM | 1 | 12 | 23.83 | 23.99 | 23.79 | 24.7 | 1 | | |
| 5 | 16QAM | 1 | 24 | 23.87 | 23.94 | 23.74 | | | | |
| 5 | 16QAM | 12 | 0 | 23.02 | 23.09 | 22.87 | | | | |
| 5 | 16QAM | 12 | 7 | 22.82 | 22.96 | 22.89 | 23.7 | 2 | | |
| 5 | 16QAM | 12 | 13 | 23.03 | 23.01 | 22.94 | | | | |
| 5 | 16QAM | 25 | 0 | 22.88 | 23.00 | 22.89 | | | | |
| 5 | 64QAM | 1 | 0 | 23.96 | 23.05 | 23.01 | | | | |
| 5 | 64QAM | 1 | 12 | 22.87 | 22.91 | 22.75 | 23.7 | 2 | | |
| 5 | 64QAM | 1 | 24 | 22.91 | 23.05 | 22.89 | | | | |
| 5 | 64QAM | 12 | 0 | 21.91 | 22.11 | 22.03 | | | | |
| 5 | 64QAM | 12 | 7 | 21.86 | 21.98 | 21.86 | 22.7 | 3 | | |
| 5 | 64QAM | 12 | 13 | 21.91 | 22.04 | 21.92 | | | | |
| 5 | 64QAM | 25 | 0 | 21.87 | 22.12 | 21.90 | | | | |
| 5 | 256QAM | 1 | 0 | 19.79 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.89 | 19.76 | 20.7 | 5 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.86 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.16 | 19.93 | | | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.93 | 19.94 | 20.7 | 5 | | |
| 5 | 256QAM | 12 | 13 | 19.98 | 20.11 | 19.90 | | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.02 | 19.93 | | | | |

| Band 41 Ant2 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 22.97 | 23.24 | 23.29 | 22.96 | 23.01 | | |
| 20 | QPSK | 1 | 49 | 23.01 | 22.97 | 23.12 | 23.05 | 22.97 | 23.7 | 0 |
| 20 | QPSK | 1 | 99 | 22.90 | 23.09 | 23.09 | 23.08 | 23.06 | | |
| 20 | QPSK | 50 | 0 | 22.95 | 23.12 | 23.26 | 23.16 | 22.87 | | |
| 20 | QPSK | 50 | 24 | 23.03 | 23.06 | 23.07 | 23.10 | 23.06 | 23.7 | 0 |
| 20 | QPSK | 50 | 50 | 22.86 | 23.07 | 23.22 | 23.13 | 23.10 | | |
| 20 | QPSK | 100 | 0 | 22.91 | 23.21 | 23.24 | 23.01 | 22.99 | | |
| 20 | 16QAM | 1 | 0 | 23.04 | 23.18 | 23.20 | 23.15 | 22.99 | 23.7 | 0 |



| | | WCDMA V Ant3 DSI 3 | | | |
|-----------------|-------------------------|--------------------|--------|--------|---------------------|
| Band | | WCDMA IV | | | Tune-up Limit (dBm) |
| TX Channel | | 1312 | 1413 | 1513 | |
| Rx Channel | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 22.12 | 22.13 | 22.08 | 23.50 |
| 3GPP Rel 99 | RMC 12.2Kbps | 22.24 | 22.26 | 22.21 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 21.14 | 21.15 | 21.20 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 21.14 | 21.16 | 21.00 | 22.50 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 20.57 | 20.54 | 20.72 | 22.00 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 20.76 | 20.61 | 20.60 | 22.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-1 | 21.33 | 21.23 | 21.10 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-2 | 21.25 | 21.12 | 21.15 | 22.50 |
| 3GPP Rel 6 | DC-HSDPA Subtest-3 | 20.89 | 20.71 | 20.57 | 22.00 |
| 3GPP Rel 6 | DC-HSDPA Subtest-4 | 20.64 | 20.81 | 20.71 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 21.05 | 21.15 | 21.17 | 22.50 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 19.12 | 19.15 | 19.19 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 20.14 | 20.39 | 20.22 | 21.50 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 19.20 | 19.32 | 19.12 | 20.50 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 21.23 | 21.28 | 21.24 | 22.50 |
| 3GPP Rel 7 | HSPA+ (16QAM) Subtest-1 | 18.68 | 18.71 | 18.55 | 20.00 |



| Band 4 Am3 DSI 3-Other PA | | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|------------------------|------------------------|------------------|--------------|----------|--|
| RF [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. [Freq.] | Power High Ch. [Freq.] | Power Mode Ch. [Freq.] | High Ch. [Freq.] | Tune-up [dB] | MFR [dB] | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | OFDM | 1 | 0 | 22.18 | 22.26 | 22.24 | 22.18 | 22.7 | 0 | |
| 20 | OFDM | 1 | 99 | 21.93 | 22.05 | 22.04 | 21.93 | 22.7 | 0 | |
| 20 | OFDM | 50 | 24 | 22.01 | 22.20 | 22.14 | 22.01 | 22.7 | 0 | |
| 20 | OFDM | 50 | 50 | 21.99 | 22.02 | 21.95 | 21.99 | 22.7 | 0 | |
| 20 | OFDM | 1 | 0 | 21.98 | 22.12 | 21.95 | 21.98 | 22.7 | 0 | |
| 20 | 16QAM | 1 | 99 | 22.05 | 22.21 | 22.11 | 22.05 | 22.7 | 0 | |
| 20 | 16QAM | 50 | 24 | 22.02 | 22.18 | 22.13 | 22.02 | 22.7 | 0 | |
| 20 | 16QAM | 50 | 50 | 21.95 | 22.01 | 21.98 | 21.95 | 22.7 | 0 | |
| 20 | 16QAM | 100 | 0 | 21.99 | 22.19 | 22.02 | 21.99 | 22.7 | 0 | |
| 20 | 84QAM | 1 | 99 | 22.06 | 22.23 | 22.03 | 22.06 | 22.7 | 0 | |
| 20 | 84QAM | 1 | 0 | 21.88 | 22.05 | 22.06 | 21.88 | 22.7 | 0 | |
| 20 | 84QAM | 50 | 24 | 22.14 | 22.18 | 22.19 | 22.14 | 22.7 | 0 | |
| 20 | 84QAM | 50 | 50 | 21.90 | 22.15 | 21.90 | 21.90 | 22.7 | 0 | |
| 20 | 84QAM | 100 | 0 | 20.10 | 20.18 | 20.08 | 20.10 | 20.7 | 2 | |
| 20 | 256QAM | 1 | 99 | 19.96 | 20.03 | 19.88 | 19.96 | 20.7 | 2 | |
| 20 | 256QAM | 1 | 0 | 19.98 | 20.08 | 19.96 | 19.98 | 20.7 | 2 | |
| 20 | 256QAM | 50 | 24 | 19.91 | 20.01 | 19.95 | 19.91 | 20.7 | 2 | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.01 | 19.95 | 19.91 | 20.7 | 2 | |
| 20 | 256QAM | 100 | 0 | 20.07 | 20.12 | 20.09 | 20.07 | 20.7 | 2 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | OFDM | 1 | 0 | 21.94 | 22.05 | 22.06 | 21.94 | 22.7 | 0 | |
| 15 | OFDM | 1 | 99 | 21.77 | 21.91 | 21.87 | 21.77 | 22.7 | 0 | |
| 15 | OFDM | 1 | 74 | 21.77 | 21.91 | 21.87 | 21.77 | 22.7 | 0 | |
| 15 | OFDM | 36 | 0 | 21.82 | 22.06 | 22.13 | 21.82 | 22.7 | 0 | |
| 15 | OFDM | 36 | 99 | 21.84 | 21.94 | 21.93 | 21.84 | 22.7 | 0 | |
| 15 | OFDM | 36 | 39 | 21.96 | 21.87 | 21.75 | 21.96 | 22.7 | 0 | |
| 15 | OFDM | 75 | 0 | 21.92 | 22.03 | 21.99 | 21.92 | 22.7 | 0 | |
| 15 | 16QAM | 1 | 99 | 21.84 | 22.22 | 21.95 | 21.84 | 22.7 | 0 | |
| 15 | 16QAM | 1 | 74 | 21.84 | 22.17 | 21.99 | 21.84 | 22.7 | 0 | |
| 15 | 16QAM | 36 | 0 | 21.86 | 22.17 | 22.01 | 21.86 | 22.7 | 0 | |
| 15 | 16QAM | 36 | 99 | 21.85 | 22.17 | 22.02 | 21.85 | 22.7 | 0 | |
| 15 | 16QAM | 36 | 39 | 21.97 | 21.98 | 22.01 | 21.97 | 22.7 | 0 | |
| 15 | 84QAM | 1 | 0 | 21.77 | 21.95 | 22.08 | 21.77 | 22.7 | 0 | |
| 15 | 84QAM | 1 | 99 | 21.86 | 21.92 | 21.94 | 21.86 | 22.7 | 0 | |
| 15 | 84QAM | 1 | 74 | 21.68 | 21.85 | 21.85 | 21.68 | 22.7 | 0 | |
| 15 | 84QAM | 36 | 0 | 22.03 | 21.82 | 21.94 | 22.03 | 22.7 | 0 | |
| 15 | 84QAM | 36 | 99 | 21.70 | 22.15 | 21.89 | 21.70 | 22.7 | 0 | |
| 15 | 84QAM | 36 | 39 | 21.70 | 22.15 | 21.89 | 21.70 | 22.7 | 0 | |
| 15 | 84QAM | 75 | 0 | 21.86 | 22.00 | 21.87 | 21.86 | 20.7 | 2 | |
| 15 | 256QAM | 1 | 99 | 19.89 | 19.90 | 19.89 | 19.89 | 20.7 | 2 | |
| 15 | 256QAM | 1 | 74 | 20.02 | 19.97 | 19.88 | 20.02 | 20.7 | 2 | |
| 15 | 256QAM | 36 | 0 | 19.83 | 19.96 | 19.89 | 19.83 | 20.7 | 2 | |
| 15 | 256QAM | 36 | 99 | 19.77 | 19.88 | 19.75 | 19.77 | 20.7 | 2 | |
| 15 | 256QAM | 36 | 39 | 19.89 | 19.85 | 19.83 | 19.89 | 20.7 | 2 | |
| 15 | 256QAM | 75 | 0 | 19.99 | 20.02 | 20.03 | 19.99 | 20.7 | 2 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | OFDM | 1 | 0 | 21.79 | 21.89 | 22.03 | 21.79 | 22.7 | 0 | |
| 10 | OFDM | 1 | 25 | 21.82 | 21.88 | 21.77 | 21.82 | 22.7 | 0 | |
| 10 | OFDM | 1 | 25 | 21.82 | 21.88 | 21.77 | 21.82 | 22.7 | 0 | |
| 10 | OFDM | 25 | 0 | 22.00 | 22.02 | 22.01 | 22.00 | 22.7 | 0 | |
| 10 | OFDM | 25 | 12 | 21.95 | 21.85 | 21.95 | 21.95 | 22.7 | 0 | |
| 10 | OFDM | 25 | 12 | 21.92 | 21.84 | 21.92 | 21.92 | 22.7 | 0 | |
| 10 | OFDM | 50 | 0 | 21.84 | 22.04 | 21.85 | 21.84 | 22.7 | 0 | |
| 10 | 16QAM | 1 | 0 | 21.80 | 22.09 | 21.78 | 21.80 | 22.7 | 0 | |
| 10 | 16QAM | 1 | 25 | 21.90 | 22.04 | 22.02 | 21.90 | 22.7 | 0 | |
| 10 | 16QAM | 1 | 49 | 21.90 | 22.17 | 22.09 | 21.90 | 22.7 | 0 | |
| 10 | 16QAM | 25 | 0 | 21.90 | 22.09 | 22.06 | 21.90 | 22.7 | 0 | |
| 10 | 16QAM | 25 | 12 | 21.88 | 21.98 | 21.87 | 21.88 | 22.7 | 0 | |
| 10 | 16QAM | 25 | 25 | 21.89 | 22.03 | 22.04 | 21.89 | 22.7 | 0 | |
| 10 | 16QAM | 50 | 0 | 21.86 | 22.08 | 22.07 | 21.86 | 22.7 | 0 | |
| 10 | 84QAM | 1 | 0 | 21.96 | 22.02 | 22.07 | 21.96 | 22.7 | 0 | |
| 10 | 84QAM | 1 | 25 | 21.94 | 22.22 | 21.97 | 21.94 | 22.7 | 0 | |
| 10 | 84QAM | 1 | 49 | 21.88 | 22.03 | 22.02 | 21.88 | 22.7 | 0 | |
| 10 | 84QAM | 25 | 0 | 22.07 | 21.91 | 21.82 | 22.07 | 22.7 | 0 | |
| 10 | 84QAM | 25 | 12 | 21.95 | 22.05 | 22.13 | 21.95 | 22.7 | 0 | |
| 10 | 84QAM | 50 | 0 | 22.04 | 22.01 | 21.87 | 22.04 | 22.7 | 0 | |
| 10 | 256QAM | 1 | 0 | 19.97 | 19.98 | 19.87 | 19.97 | 20.7 | 2 | |
| 10 | 256QAM | 1 | 25 | 19.90 | 19.92 | 19.89 | 19.90 | 20.7 | 2 | |
| 10 | 256QAM | 1 | 49 | 20.03 | 20.02 | 19.99 | 20.03 | 20.7 | 2 | |
| 10 | 256QAM | 25 | 0 | 19.83 | 19.92 | 19.83 | 19.83 | 20.7 | 2 | |
| 10 | 256QAM | 25 | 12 | 19.72 | 19.85 | 19.83 | 19.72 | 20.7 | 2 | |
| 10 | 256QAM | 25 | 25 | 19.81 | 19.89 | 19.82 | 19.81 | 20.7 | 2 | |
| 10 | 256QAM | 50 | 0 | 19.96 | 20.00 | 19.98 | 19.96 | 20.7 | 2 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | OFDM | 1 | 0 | 21.79 | 21.89 | 22.03 | 21.79 | 22.7 | 0 | |
| 5 | OFDM | 1 | 24 | 21.89 | 22.13 | 21.89 | 21.89 | 22.7 | 0 | |
| 5 | OFDM | 12 | 0 | 21.86 | 22.12 | 21.86 | 21.86 | 22.7 | 0 | |
| 5 | OFDM | 12 | 7 | 21.79 | 21.88 | 22.04 | 21.79 | 22.7 | 0 | |
| 5 | OFDM | 12 | 13 | 21.84 | 21.80 | 21.78 | 21.84 | 22.7 | 0 | |
| 5 | OFDM | 25 | 0 | 21.80 | 22.05 | 21.87 | 21.80 | 22.7 | 0 | |
| 5 | 16QAM | 1 | 0 | 21.89 | 21.99 | 21.95 | 21.89 | 22.7 | 0 | |
| 5 | 16QAM | 1 | 12 | 21.87 | 22.07 | 21.86 | 21.87 | 22.7 | 0 | |
| 5 | 16QAM | 12 | 0 | 21.81 | 21.94 | 21.97 | 21.81 | 22.7 | 0 | |
| 5 | 16QAM | 12 | 7 | 21.88 | 22.19 | 22.06 | 21.88 | 22.7 | 0 | |
| 5 | 16QAM | 12 | 13 | 21.89 | 22.18 | 22.02 | 21.89 | 22.7 | 0 | |
| 5 | 16QAM | 25 | 0 | 21.80 | 22.07 | 21.88 | 21.80 | 22.7 | 0 | |
| 5 | 84QAM | 1 | 0 | 21.86 | 22.16 | 21.81 | 21.86 | 22.7 | 0 | |
| 5 | 84QAM | 1 | 24 | 21.80 | 22.06 | 21.86 | 21.80 | 22.7 | 0 | |
| 5 | 84QAM | 12 | 7 | 22.08 | 22.18 | 22.13 | 22.08 | 22.7 | 0 | |
| 5 | 84QAM | 12 | 13 | 21.85 | 22.02 | 21.79 | 21.85 | 22.7 | 0 | |
| 5 | 84QAM | 25 | 0 | 22.05 | 22.11 | 21.83 | 22.05 | 22.7 | 0 | |
| 5 | 256QAM | 1 | 0 | 20.01 | 20.06 | 19.96 | 20.01 | 20.7 | 2 | |
| 5 | 256QAM | 1 | 12 | 19.99 | 20.04 | 19.94 | 19.99 | 20.7 | 2 | |
| 5 | 256QAM | 1 | 24 | 20.01 | 20.06 | 19.94 | 20.01 | 20.7 | 2 | |
| 5 | 256QAM | 12 | 0 | 19.93 | 20.04 | 19.82 | 19.93 | 20.7 | 2 | |
| 5 | 256QAM | 12 | 7 | 19.70 | 19.87 | 19.88 | 19.70 | 20.7 | 2 | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.89 | 19.82 | 19.84 | 20.7 | 2 | |
| 5 | 256QAM | 25 | 0 | 19.97 | 20.01 | 20.00 | 19.97 | 20.7 | 2 | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | OFDM | 1 | 0 | 21.76 | 21.97 | 22.16 | 21.76 | 22.7 | 0 | |
| 1.4 | OFDM | 1 | 3 | 21.69 | 21.98 | 21.74 | 21.69 | 22.7 | 0 | |
| 1.4 | OFDM | 3 | 0 | 21.77 | 22.13 | 21.84 | 21.77 | 22.7 | 0 | |
| 1.4 | OFDM | 3 | 1 | 21.71 | 22.13 | 21.84 | 21.71 | 22.7 | 0 | |
| 1.4 | OFDM | 3 | 1 | 21.67 | 22.10 | 21.85 | 21.67 | 22.7 | 0 | |
| 1.4 | OFDM | 3 | 7 | 21.87 | 21.87 | 21.82 | 21.87 | 22.7 | 0 | |
| 1.4 | OFDM | 15 | 0 | 21.97 | 22.21 | 21.86 | 21.97 | 22.7 | 0 | |
| 1.4 | 16QAM | 1 | 0 | 21.87 | 22.11 | 21.86 | 21.87 | 22.7 | 0 | |
| 1.4 | 16QAM | 1 | 8 | 22.05 | 22.08 | 21.91 | 22.05 | 22.7 | 0 | |
| 1.4 | 16QAM | 1 | 14 | 21.81 | 22.12 | 22.09 | 21.81 | 22.7 | 0 | |
| 1.4 | 16QAM | 8 | 4 | 22.01 | 22.06 | 22.04 | 22.01 | 22.7 | 0 | |
| 1.4 | 16QAM | 8 | 4 | 21.88 | 22.18 | 21.85 | 21.88 | 22.7 | 0 | |
| 1.4 | 16QAM | 15 | 0 | 21.86 | 21.97 | 22.03 | 21.86 | 22.7 | 0 | |
| 1.4 | 84QAM | 1 | 0 | 21.90 | 21.88 | 21.86 | 21.90 | 22.7 | 0 | |
| 1.4 | 84QAM | 1 | 8 | 22.01 | 22.11 | 22.02 | 22.01 | 22.7 | 0 | |
| 1.4 | 84QAM | 1 | 14 | 21.76 | 21.87 | 22.08 | 21.76 | 22.7 | 0 | |
| 1.4 | 84QAM | 8 | 0 | 21.86 | 21.94 | 21.89 | 21.86 | 22.7 | 0 | |
| 1.4 | 84QAM | 8 | 4 | 21.99 | 22.05 | 22.13 | 21.99 | 22.7 | 0 | |
| 1.4 | 84QAM | 8 | | | | | | | | |



| Band 38 Ant3 DSI 3-Other PA | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | 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 | 22.65 | 22.68 | 22.63 | 23.2 | 0 | |
| 20 | QPSK | 1 | 49 | 22.36 | 22.48 | 22.46 | | | |
| 20 | QPSK | 1 | 99 | 22.40 | 22.48 | 22.52 | 23.2 | 0 | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.67 | 22.64 | | | |
| 20 | QPSK | 50 | 24 | 22.50 | 22.44 | 22.46 | 23.2 | 0 | |
| 20 | QPSK | 50 | 50 | 22.45 | 22.45 | 22.46 | | | |
| 20 | QPSK | 100 | 0 | 22.61 | 22.66 | 22.55 | 23.2 | 0 | |
| 20 | 16QAM | 1 | 0 | 22.35 | 22.41 | 22.52 | | | |
| 20 | 16QAM | 1 | 49 | 22.46 | 22.55 | 22.54 | 23.2 | 0 | |
| 20 | 16QAM | 1 | 99 | 22.63 | 22.61 | 22.59 | | | |
| 20 | 16QAM | 50 | 0 | 22.39 | 22.53 | 22.50 | 23.2 | 0 | |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.58 | 22.52 | | | |
| 20 | 16QAM | 50 | 50 | 22.65 | 22.58 | 22.54 | 23.2 | 0 | |
| 20 | 16QAM | 100 | 0 | 22.55 | 22.49 | 22.51 | | | |
| 20 | 64QAM | 1 | 0 | 22.60 | 22.66 | 22.57 | 23.2 | 0 | |
| 20 | 64QAM | 1 | 49 | 22.34 | 22.53 | 22.43 | | | |
| 20 | 64QAM | 1 | 99 | 22.47 | 22.39 | 22.51 | 23.2 | 0 | |
| 20 | 64QAM | 50 | 0 | 22.05 | 22.13 | 22.03 | | | |
| 20 | 64QAM | 50 | 24 | 21.99 | 22.00 | 22.01 | 22.7 | 0.5 | |
| 20 | 64QAM | 50 | 50 | 22.05 | 22.12 | 22.08 | | | |
| 20 | 64QAM | 100 | 0 | 22.15 | 22.17 | 22.06 | 20.7 | 2.5 | |
| 20 | 256QAM | 1 | 0 | 20.03 | 20.11 | 20.14 | | | |
| 20 | 256QAM | 1 | 49 | 19.86 | 20.00 | 19.96 | 20.7 | 2.5 | |
| 20 | 256QAM | 1 | 99 | 20.04 | 20.14 | 20.08 | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.10 | 20.10 | 20.7 | 2.5 | |
| 20 | 256QAM | 50 | 24 | 20.01 | 20.11 | 20.01 | | | |
| 20 | 256QAM | 50 | 50 | 20.05 | 20.07 | 19.98 | 20.7 | 2.5 | |
| 20 | 256QAM | 100 | 0 | 20.09 | 20.20 | 20.20 | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | |
| 15 | QPSK | 1 | 0 | 22.45 | 22.38 | 22.53 | 23.2 | 0 | |
| 15 | QPSK | 1 | 37 | 22.24 | 22.27 | 22.26 | | | |
| 15 | QPSK | 1 | 74 | 22.20 | 22.27 | 22.34 | 23.2 | 0 | |
| 15 | QPSK | 36 | 0 | 22.62 | 22.43 | 22.49 | | | |
| 15 | QPSK | 36 | 20 | 22.35 | 22.23 | 22.31 | 23.2 | 0 | |
| 15 | QPSK | 36 | 39 | 22.40 | 22.29 | 22.37 | | | |
| 15 | QPSK | 75 | 0 | 22.64 | 22.62 | 22.46 | 23.2 | 0 | |
| 15 | 16QAM | 1 | 0 | 22.54 | 22.24 | 22.45 | | | |
| 15 | 16QAM | 1 | 37 | 22.35 | 22.54 | 22.55 | 23.2 | 0 | |
| 15 | 16QAM | 1 | 74 | 22.60 | 22.43 | 22.85 | | | |
| 15 | 16QAM | 36 | 0 | 22.33 | 22.35 | 22.42 | 23.2 | 0 | |
| 15 | 16QAM | 36 | 20 | 22.29 | 22.44 | 22.44 | | | |
| 15 | 16QAM | 36 | 39 | 22.67 | 22.43 | 22.38 | 23.2 | 0 | |
| 15 | 16QAM | 75 | 0 | 22.50 | 22.50 | 22.43 | | | |
| 15 | 64QAM | 1 | 0 | 22.48 | 22.57 | 22.41 | 23.2 | 0 | |
| 15 | 64QAM | 1 | 37 | 22.19 | 22.43 | 22.24 | | | |
| 15 | 64QAM | 1 | 74 | 22.43 | 22.17 | 22.39 | 22.7 | 0.5 | |
| 15 | 64QAM | 36 | 0 | 21.99 | 22.06 | 21.98 | | | |
| 15 | 64QAM | 36 | 20 | 21.89 | 21.85 | 21.92 | 20.7 | 2.5 | |
| 15 | 64QAM | 36 | 39 | 21.91 | 21.98 | 22.04 | | | |
| 15 | 64QAM | 75 | 0 | 22.10 | 22.10 | 22.02 | 20.7 | 2.5 | |
| 15 | 256QAM | 1 | 0 | 19.96 | 20.05 | 20.03 | | | |
| 15 | 256QAM | 1 | 37 | 19.76 | 19.87 | 19.82 | 20.7 | 2.5 | |
| 15 | 256QAM | 1 | 74 | 19.96 | 20.11 | 19.94 | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 19.96 | 20.04 | 20.7 | 2.5 | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.00 | 19.96 | | | |
| 15 | 256QAM | 36 | 39 | 20.01 | 19.94 | 19.86 | 20.7 | 2.5 | |
| 15 | 256QAM | 75 | 0 | 20.05 | 20.16 | 20.06 | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | |
| 10 | QPSK | 1 | 0 | 22.50 | 22.41 | 22.56 | 23.2 | 0 | |
| 10 | QPSK | 1 | 25 | 22.14 | 22.29 | 22.26 | | | |
| 10 | QPSK | 1 | 49 | 22.35 | 22.33 | 22.41 | 23.2 | 0 | |
| 10 | QPSK | 25 | 0 | 22.56 | 22.37 | 22.58 | | | |
| 10 | QPSK | 25 | 12 | 22.40 | 22.34 | 22.44 | 23.2 | 0 | |
| 10 | QPSK | 25 | 25 | 22.27 | 22.39 | 22.34 | | | |
| 10 | QPSK | 50 | 0 | 22.59 | 22.66 | 22.53 | 23.2 | 0 | |
| 10 | 16QAM | 1 | 0 | 22.44 | 22.41 | 22.47 | | | |
| 10 | 16QAM | 1 | 25 | 22.35 | 22.52 | 22.34 | 23.2 | 0 | |
| 10 | 16QAM | 1 | 49 | 22.60 | 22.45 | 22.62 | | | |
| 10 | 16QAM | 25 | 0 | 22.20 | 22.37 | 22.42 | 23.2 | 0 | |
| 10 | 16QAM | 25 | 12 | 22.37 | 22.52 | 22.35 | | | |
| 10 | 16QAM | 25 | 25 | 22.62 | 22.47 | 22.33 | 23.2 | 0 | |
| 10 | 16QAM | 50 | 0 | 22.34 | 22.37 | 22.42 | | | |
| 10 | 64QAM | 1 | 0 | 22.58 | 22.58 | 22.50 | 23.2 | 0 | |
| 10 | 64QAM | 1 | 25 | 22.20 | 22.53 | 22.33 | | | |
| 10 | 64QAM | 1 | 49 | 22.32 | 22.33 | 22.38 | 22.7 | 0.5 | |
| 10 | 64QAM | 25 | 0 | 21.95 | 22.03 | 21.97 | | | |
| 10 | 64QAM | 25 | 12 | 21.88 | 21.94 | 21.89 | 20.7 | 2.5 | |
| 10 | 64QAM | 25 | 25 | 21.95 | 21.98 | 21.95 | | | |
| 10 | 64QAM | 50 | 0 | 22.07 | 22.09 | 21.97 | 20.7 | 2.5 | |
| 10 | 256QAM | 1 | 0 | 19.94 | 19.98 | 20.03 | | | |
| 10 | 256QAM | 1 | 25 | 19.82 | 19.88 | 19.84 | 20.7 | 2.5 | |
| 10 | 256QAM | 1 | 49 | 19.92 | 19.99 | 19.93 | | | |
| 10 | 256QAM | 25 | 0 | 19.91 | 20.03 | 19.97 | 20.7 | 2.5 | |
| 10 | 256QAM | 25 | 12 | 19.97 | 19.99 | 19.96 | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.99 | 19.89 | 20.7 | 2.5 | |
| 10 | 256QAM | 50 | 0 | 19.96 | 20.12 | 20.12 | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | |
| 5 | QPSK | 1 | 0 | 22.62 | 22.49 | 22.56 | 23.2 | 0 | |
| 5 | QPSK | 1 | 12 | 22.35 | 22.49 | 22.27 | | | |
| 5 | QPSK | 1 | 24 | 22.26 | 22.30 | 22.37 | 23.2 | 0 | |
| 5 | QPSK | 12 | 0 | 22.57 | 22.57 | 22.63 | | | |
| 5 | QPSK | 12 | 7 | 22.46 | 22.44 | 22.27 | 23.2 | 0 | |
| 5 | QPSK | 12 | 13 | 22.28 | 22.32 | 22.47 | | | |
| 5 | QPSK | 25 | 0 | 22.57 | 22.52 | 22.44 | 23.2 | 0 | |
| 5 | 16QAM | 1 | 0 | 22.44 | 22.30 | 22.50 | | | |
| 5 | 16QAM | 1 | 12 | 22.32 | 22.47 | 22.55 | 23.2 | 0 | |
| 5 | 16QAM | 1 | 24 | 22.58 | 22.57 | 22.53 | | | |
| 5 | 16QAM | 12 | 0 | 22.31 | 22.37 | 22.42 | 23.2 | 0 | |
| 5 | 16QAM | 12 | 7 | 22.20 | 22.51 | 22.40 | | | |
| 5 | 16QAM | 12 | 13 | 22.56 | 22.46 | 22.56 | 23.2 | 0 | |
| 5 | 16QAM | 25 | 0 | 22.43 | 22.30 | 22.43 | | | |
| 5 | 64QAM | 1 | 0 | 22.38 | 22.45 | 22.41 | 23.2 | 0 | |
| 5 | 64QAM | 1 | 12 | 22.22 | 22.54 | 22.30 | | | |
| 5 | 64QAM | 1 | 24 | 22.47 | 22.22 | 22.48 | 22.7 | 0.5 | |
| 5 | 64QAM | 12 | 0 | 22.02 | 22.04 | 21.89 | | | |
| 5 | 64QAM | 12 | 7 | 21.93 | 21.90 | 21.94 | 20.7 | 2.5 | |
| 5 | 64QAM | 12 | 13 | 21.90 | 22.06 | 22.04 | | | |
| 5 | 64QAM | 25 | 0 | 22.06 | 22.12 | 21.99 | 20.7 | 2.5 | |
| 5 | 256QAM | 1 | 0 | 19.96 | 19.96 | 20.05 | | | |
| 5 | 256QAM | 1 | 12 | 19.80 | 19.88 | 19.81 | 20.7 | 2.5 | |
| 5 | 256QAM | 1 | 24 | 19.94 | 20.00 | 19.97 | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.00 | 20.02 | 20.7 | 2.5 | |
| 5 | 256QAM | 12 | 7 | 19.91 | 20.02 | 19.96 | | | |
| 5 | 256QAM | 12 | 13 | 19.96 | 20.01 | 19.90 | 20.7 | 2.5 | |
| 5 | 256QAM | 25 | 0 | 20.00 | 20.12 | 20.05 | | | |

| Band 41 Ant3 DSI 3-Other PA | | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 22.06 | 22.02 | 22.28 | 22.26 | 22.06 | 22.7 | 0 |
| 20 | QPSK | 1 | 49 | 21.95 | 21.99 | 21.96 | 22.05 | 22.15 | | |
| 20 | QPSK | 1 | 99 | 22.00 | 22.08 | 22.11 | 22.07 | 22.01 | 22.7 | 0 |
| 20 | QPSK | 50 | 0 | 21.95 | 22.00 | 22.15 | 22.06 | 22.08 | | |
| 20 | QPSK | 50 | 24 | 21.95 | 21.96 | 22.03 | 21.90 | 22.09 | 22.7 | 0 |
| 20 | QPSK | 50 | 50 | 22.08 | 22.05 | 22.06 | 22.05 | 21.88 | | |
| 20 | QPSK | 100 | 0 | 22.03 | 22.13 | 22.15 | 22.14 | 22.11 | 22.7 | 0 |
| 20 | 16QAM | 1 | 0 | 22.01 | 21.91 | 22.17 | 21.98 | 22.04 | | |
| 20 | 16QAM | 1 | 49 | 22.01 | 22.00 | 22.19 | 22.12 | 22.08 | 22.7 | 0 |
| 20 | 16QAM | 1 | 99 | 21.95 | 21.98 | 22.02 | 22.10 | 22.16 | | |
| 20 | 16QAM | 50 | 0 | 21.84 | 21.97 | 22.15 | 21.89 | 21.95 | 22.7 | 0 |
| 20 | 16QAM | 50 | 24 | 22.03 | 22.04 | 22.16 | 22.04 | 22.02 | | |
| 20 | 16QAM | 50 | 50 | 21.91 | | | | | | |



GSM1900 Ant4 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 910 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | 30.00 | 1850.2 | 1880 | 1909.8 | 21.00 |
| GSM 1 Tx slot | 28.27 | 28.42 | 28.32 | 30.00 | 19.27 | 19.42 | 19.32 | 21.00 |
| GPRS 1 Tx slot | 28.25 | 28.40 | 28.31 | 30.00 | 19.25 | 19.40 | 19.31 | 21.00 |
| GPRS 2 Tx slots | 25.26 | 25.32 | 25.17 | 27.00 | 19.26 | 19.32 | 19.17 | 21.00 |
| GPRS 3 Tx slots | 23.49 | 23.51 | 23.39 | 25.20 | 19.23 | 19.25 | 19.13 | 20.94 |
| GPRS 4 Tx slots | 22.21 | 22.30 | 22.12 | 24.00 | 19.21 | 19.30 | 19.12 | 21.00 |
| EDGE 1 Tx slot | 24.22 | 24.38 | 24.33 | 26.00 | 15.22 | 15.38 | 15.33 | 17.00 |
| EDGE 2 Tx slots | 21.35 | 21.51 | 21.27 | 23.00 | 15.35 | 15.51 | 15.27 | 17.00 |
| EDGE 3 Tx slots | 19.41 | 19.55 | 19.46 | 21.20 | 15.15 | 15.29 | 15.20 | 16.94 |
| EDGE 4 Tx slots | 18.37 | 18.28 | 18.34 | 20.00 | 15.37 | 15.28 | 15.34 | 17.00 |

WCDMA II Ant4 DSI 3

WCDMA IV Ant4 DSI 3

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | 22.50 | 1712.4 | 1732.6 | 1752.6 | 21.50 |
| 3GPP Rel 99 AMR 12.2kbps | 20.63 | 20.70 | 20.63 | 22.50 | 20.14 | 20.08 | 20.16 | 21.50 |
| 3GPP Rel 99 RMC 12.2kbps | 20.67 | 20.85 | 20.70 | 22.50 | 20.18 | 20.19 | 20.10 | 21.50 |
| 3GPP Rel 6 HSDPA Subtest-1 | 19.66 | 19.72 | 19.63 | 21.50 | 19.10 | 19.10 | 19.05 | 20.50 |
| 3GPP Rel 6 HSDPA Subtest-2 | 19.50 | 19.61 | 19.55 | 21.50 | 18.97 | 19.31 | 19.01 | 20.50 |
| 3GPP Rel 6 HSDPA Subtest-3 | 19.05 | 19.09 | 19.35 | 21.00 | 18.72 | 18.74 | 18.82 | 20.00 |
| 3GPP Rel 6 HSDPA Subtest-4 | 19.00 | 19.06 | 19.12 | 21.00 | 18.56 | 18.68 | 18.63 | 20.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 19.75 | 19.69 | 19.69 | 21.50 | 19.38 | 19.11 | 19.33 | 20.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 19.55 | 19.56 | 19.57 | 21.50 | 19.07 | 19.22 | 19.11 | 20.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 19.06 | 19.13 | 19.04 | 21.00 | 18.72 | 18.66 | 18.66 | 20.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 19.11 | 19.34 | 19.06 | 21.00 | 18.61 | 18.72 | 18.75 | 20.00 |
| 3GPP Rel 6 HSUPA Subtest-1 | 19.59 | 19.66 | 19.66 | 21.50 | 18.96 | 19.26 | 19.16 | 20.50 |
| 3GPP Rel 6 HSUPA Subtest-2 | 17.74 | 17.64 | 17.74 | 19.50 | 17.37 | 17.19 | 17.29 | 18.50 |
| 3GPP Rel 6 HSUPA Subtest-3 | 18.71 | 18.75 | 18.65 | 20.50 | 18.12 | 18.26 | 17.97 | 19.50 |
| 3GPP Rel 6 HSUPA Subtest-4 | 17.69 | 17.82 | 17.56 | 19.50 | 17.23 | 17.20 | 16.95 | 18.50 |
| 3GPP Rel 6 HSUPA Subtest-5 | 19.74 | 19.53 | 19.74 | 21.50 | 19.20 | 19.09 | 19.27 | 20.50 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 17.00 | 17.43 | 17.05 | 19.00 | 16.60 | 16.72 | 16.53 | 18.00 |



| Band 2 Ant DSI 3 | | | | | | | | | |
|------------------|-----------------|---------|-----------|-----------|-----------|-----------|---------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power (W) | Power (W) | Power (W) | Turn-up (min) | MFR (dB) | |
| Channel | Frequency (MHz) | 1 | 2 | 3 | 4 | 5 | | | |
| 20 | QPSK | 1 | 0 | 18.90 | 18.90 | 18.90 | | | |
| 20 | QPSK | 1 | 49 | 19.42 | 19.30 | 19.40 | 21 | 0 | |
| 20 | QPSK | 1 | 99 | 19.94 | 19.30 | 19.52 | | | |
| 20 | QPSK | 1 | 149 | 20.46 | 19.30 | 19.52 | | | |
| 20 | QPSK | 50 | 24 | 19.45 | 19.20 | 19.29 | | | |
| 20 | QPSK | 50 | 74 | 19.97 | 19.20 | 19.29 | | | |
| 20 | HQAM | 1 | 0 | 19.36 | 19.48 | 19.31 | | | |
| 20 | HQAM | 1 | 49 | 19.42 | 19.32 | 19.30 | 21 | 0 | |
| 20 | HQAM | 50 | 24 | 19.30 | 19.40 | 19.30 | | | |
| 20 | HQAM | 50 | 74 | 19.37 | 19.20 | 19.46 | | | |
| 20 | HQAM | 50 | 24 | 19.31 | 19.24 | 19.15 | 21 | 0 | |
| 20 | HQAM | 50 | 74 | 19.38 | 19.24 | 19.20 | | | |
| 20 | HQAM | 100 | 0 | 19.35 | 19.44 | 19.28 | | | |
| 20 | HQAM | 100 | 49 | 19.43 | 19.47 | 19.52 | 21 | 0 | |
| 20 | HQAM | 100 | 99 | 19.33 | 19.44 | 19.32 | | | |
| 20 | HQAM | 100 | 24 | 19.42 | 19.45 | 19.42 | 21 | 0 | |
| 20 | HQAM | 100 | 74 | 19.45 | 19.23 | 19.35 | | | |
| 20 | HQAM | 100 | 0 | 19.28 | 19.40 | 19.13 | | | |
| 20 | HQAM | 100 | 49 | 19.33 | 19.44 | 19.15 | | | |
| 20 | HQAM | 100 | 99 | 19.36 | 19.24 | 19.15 | | | |
| 20 | HQAM | 100 | 24 | 19.31 | 19.34 | 19.33 | | | |
| 20 | HQAM | 100 | 74 | 19.32 | 19.24 | 19.20 | | | |
| 20 | HQAM | 100 | 0 | 19.24 | 19.34 | 19.29 | | | |
| 20 | HQAM | 100 | 49 | 19.33 | 19.40 | 19.29 | Turn-up (min) | MFR (dB) | |
| 15 | QPSK | 1 | 0 | 19.48 | 19.38 | 19.38 | | | |
| 15 | QPSK | 1 | 49 | 19.54 | 19.22 | 19.37 | | | |
| 15 | QPSK | 1 | 99 | 19.42 | 19.23 | 19.13 | | | |
| 15 | QPSK | 36 | 0 | 19.40 | 19.47 | 19.34 | | | |
| 15 | QPSK | 36 | 49 | 19.53 | 19.40 | 19.35 | | | |
| 15 | QPSK | 36 | 99 | 19.39 | 19.07 | 19.07 | 21 | 0 | |
| 15 | QPSK | 75 | 0 | 19.51 | 19.45 | 19.45 | | | |
| 15 | HQAM | 1 | 0 | 19.21 | 19.30 | 19.18 | | | |
| 15 | HQAM | 1 | 49 | 19.36 | 19.28 | 19.11 | 21 | 0 | |
| 15 | HQAM | 1 | 99 | 19.33 | 19.44 | 19.30 | | | |
| 15 | HQAM | 1 | 74 | 19.33 | 19.42 | 19.30 | | | |
| 15 | HQAM | 36 | 0 | 19.36 | 19.28 | 19.25 | | | |
| 15 | HQAM | 36 | 49 | 19.38 | 19.30 | 19.13 | 21 | 0 | |
| 15 | HQAM | 36 | 99 | 19.38 | 19.23 | 19.15 | | | |
| 15 | HQAM | 36 | 74 | 19.40 | 19.21 | 19.13 | | | |
| 15 | HQAM | 75 | 0 | 19.39 | 19.30 | 19.15 | | | |
| 15 | HQAM | 75 | 49 | 19.42 | 19.11 | 19.13 | 20 | 1 | |
| 15 | HQAM | 75 | 99 | 19.37 | 19.22 | 19.14 | | | |
| 15 | HQAM | 75 | 74 | 19.38 | 19.11 | 19.13 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 36 | 74 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 0 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 49 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 99 | 19.35 | 19.13 | 19.10 | | | |
| 15 | HQAM | 75 | 74 | 19.35 | 19.13 | 19.10 | | | |



| Band 38 Ant4 DSI 3-Other PA | | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 21.11 | 21.25 | 21.18 | 21.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 20.98 | 21.07 | 21.02 | | | | |
| 20 | QPSK | 1 | 99 | 20.96 | 21.11 | 21.09 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 21.14 | 21.19 | 21.17 | | | | |
| 20 | QPSK | 50 | 24 | 21.06 | 20.96 | 21.03 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 20.98 | 21.02 | 21.01 | | | | |
| 20 | QPSK | 100 | 0 | 21.13 | 21.15 | 21.13 | 21.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 20.98 | 20.93 | 21.05 | | | | |
| 20 | 16QAM | 1 | 49 | 20.96 | 21.14 | 21.07 | 21.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 21.12 | 21.15 | 21.18 | | | | |
| 20 | 16QAM | 50 | 0 | 20.84 | 21.04 | 21.02 | 21.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 20.96 | 20.91 | 21.05 | | | | |
| 20 | 16QAM | 50 | 50 | 21.04 | 21.13 | 21.16 | 21.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 20.99 | 21.09 | 21.10 | | | | |
| 20 | 64QAM | 1 | 0 | 20.86 | 20.99 | 21.10 | 21.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 21.01 | 21.07 | 21.00 | | | | |
| 20 | 64QAM | 1 | 99 | 20.92 | 21.01 | 20.94 | 21.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 20.88 | 21.11 | 21.04 | | | | |
| 20 | 64QAM | 50 | 24 | 21.18 | 21.14 | 21.02 | 21.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 20.86 | 21.09 | 20.94 | | | | |
| 20 | 64QAM | 100 | 0 | 20.94 | 20.97 | 21.03 | 20.7 | 1 | | |
| 20 | 256QAM | 1 | 0 | 20.05 | 20.12 | 20.02 | | | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 20.06 | 20.00 | 20.7 | 1 | | |
| 20 | 256QAM | 1 | 99 | 20.00 | 20.03 | 19.94 | | | | |
| 20 | 256QAM | 50 | 0 | 20.05 | 20.11 | 20.05 | 20.7 | 1 | | |
| 20 | 256QAM | 50 | 24 | 19.81 | 19.93 | 19.81 | | | | |
| 20 | 256QAM | 50 | 50 | 19.91 | 20.00 | 19.88 | 20.7 | 1 | | |
| 20 | 256QAM | 100 | 0 | 19.98 | 20.11 | 20.07 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 20.97 | 21.09 | 20.87 | 21.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 20.82 | 21.01 | 20.79 | | | | |
| 15 | QPSK | 1 | 74 | 20.89 | 20.90 | 21.07 | 21.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 21.11 | 21.08 | 21.00 | | | | |
| 15 | QPSK | 36 | 20 | 20.82 | 20.82 | 20.74 | 21.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 20.97 | 20.81 | 20.97 | | | | |
| 15 | QPSK | 75 | 0 | 20.94 | 21.13 | 20.98 | 21.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 20.81 | 20.82 | 20.95 | | | | |
| 15 | 16QAM | 1 | 37 | 20.89 | 21.13 | 20.89 | 21.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 21.21 | 21.15 | 21.10 | | | | |
| 15 | 16QAM | 36 | 0 | 20.80 | 21.04 | 20.95 | 21.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 20.96 | 20.72 | 20.93 | | | | |
| 15 | 16QAM | 36 | 39 | 20.86 | 21.08 | 21.06 | 21.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 20.88 | 20.89 | 21.05 | | | | |
| 15 | 64QAM | 1 | 0 | 20.76 | 20.81 | 21.00 | 21.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 20.98 | 21.03 | 20.94 | | | | |
| 15 | 64QAM | 1 | 74 | 20.74 | 20.86 | 20.79 | 21.7 | 0 | | |
| 15 | 64QAM | 36 | 0 | 20.88 | 21.00 | 20.95 | | | | |
| 15 | 64QAM | 36 | 20 | 21.09 | 21.17 | 20.83 | 21.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 20.76 | 21.09 | 20.96 | | | | |
| 15 | 64QAM | 75 | 0 | 20.85 | 20.78 | 20.83 | 20.7 | 1 | | |
| 15 | 256QAM | 1 | 0 | 19.99 | 19.97 | 19.89 | | | | |
| 15 | 256QAM | 1 | 37 | 19.79 | 19.93 | 19.90 | 20.7 | 1 | | |
| 15 | 256QAM | 1 | 74 | 19.90 | 19.99 | 19.85 | | | | |
| 15 | 256QAM | 36 | 0 | 19.91 | 20.03 | 19.98 | 20.7 | 1 | | |
| 15 | 256QAM | 36 | 20 | 19.74 | 19.86 | 19.76 | | | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 19.91 | 19.76 | 20.7 | 1 | | |
| 15 | 256QAM | 75 | 0 | 19.90 | 20.01 | 20.04 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 20.97 | 20.92 | 20.77 | 21.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 20.79 | 20.93 | 20.78 | | | | |
| 10 | QPSK | 1 | 49 | 20.91 | 21.04 | 21.05 | 21.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 21.02 | 20.89 | 20.98 | | | | |
| 10 | QPSK | 25 | 12 | 20.60 | 20.96 | 20.90 | 21.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 20.94 | 20.86 | 20.82 | | | | |
| 10 | QPSK | 50 | 0 | 21.08 | 20.92 | 20.92 | 21.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 20.97 | 20.81 | 20.89 | | | | |
| 10 | 16QAM | 1 | 25 | 20.75 | 21.02 | 20.89 | 21.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 21.07 | 21.06 | 21.01 | | | | |
| 10 | 16QAM | 25 | 0 | 20.84 | 21.05 | 20.94 | 21.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 20.83 | 20.76 | 20.96 | | | | |
| 10 | 16QAM | 25 | 25 | 20.98 | 21.07 | 20.98 | 21.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 20.90 | 21.11 | 21.01 | | | | |
| 10 | 64QAM | 1 | 0 | 20.85 | 20.85 | 20.91 | 21.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 21.00 | 20.92 | 20.94 | | | | |
| 10 | 64QAM | 1 | 49 | 20.91 | 20.86 | 20.92 | 21.7 | 0 | | |
| 10 | 64QAM | 25 | 0 | 20.88 | 21.05 | 20.90 | | | | |
| 10 | 64QAM | 25 | 12 | 21.17 | 21.11 | 20.85 | 21.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 20.68 | 20.94 | 20.75 | | | | |
| 10 | 64QAM | 50 | 0 | 20.81 | 20.81 | 21.01 | 20.7 | 1 | | |
| 10 | 256QAM | 1 | 0 | 19.95 | 19.98 | 19.94 | | | | |
| 10 | 256QAM | 1 | 25 | 19.80 | 19.99 | 19.93 | 20.7 | 1 | | |
| 10 | 256QAM | 1 | 49 | 19.94 | 19.88 | 19.88 | | | | |
| 10 | 256QAM | 25 | 0 | 19.97 | 20.08 | 20.01 | 20.7 | 1 | | |
| 10 | 256QAM | 25 | 12 | 19.67 | 19.87 | 19.72 | | | | |
| 10 | 256QAM | 25 | 25 | 19.86 | 19.86 | 19.80 | 20.7 | 1 | | |
| 10 | 256QAM | 50 | 0 | 19.86 | 20.06 | 19.98 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 20.94 | 21.04 | 20.95 | 21.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 20.70 | 21.00 | 20.86 | | | | |
| 5 | QPSK | 1 | 24 | 20.91 | 21.13 | 21.03 | 21.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 21.00 | 20.94 | 21.07 | | | | |
| 5 | QPSK | 12 | 7 | 20.61 | 20.77 | 20.83 | 21.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 20.84 | 21.02 | 20.99 | | | | |
| 5 | QPSK | 25 | 0 | 20.93 | 21.05 | 20.96 | 21.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 20.80 | 20.90 | 20.90 | | | | |
| 5 | 16QAM | 1 | 12 | 20.79 | 21.00 | 20.88 | 21.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 21.19 | 21.04 | 21.15 | | | | |
| 5 | 16QAM | 12 | 0 | 20.85 | 20.86 | 20.92 | 21.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 20.93 | 20.88 | 21.00 | | | | |
| 5 | 16QAM | 12 | 13 | 20.85 | 21.18 | 21.05 | 21.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 20.80 | 20.88 | 21.00 | | | | |
| 5 | 64QAM | 1 | 0 | 20.81 | 20.78 | 20.92 | 21.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 20.90 | 20.91 | 20.82 | | | | |
| 5 | 64QAM | 1 | 24 | 20.82 | 20.86 | 20.73 | 21.7 | 0 | | |
| 5 | 64QAM | 12 | 0 | 20.79 | 21.02 | 21.03 | | | | |
| 5 | 64QAM | 12 | 7 | 21.11 | 21.12 | 20.94 | 21.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 20.80 | 20.92 | 20.79 | | | | |
| 5 | 64QAM | 25 | 0 | 20.78 | 20.87 | 20.93 | 20.7 | 1 | | |
| 5 | 256QAM | 1 | 0 | 19.95 | 20.05 | 19.91 | | | | |
| 5 | 256QAM | 1 | 12 | 19.83 | 20.03 | 19.90 | 20.7 | 1 | | |
| 5 | 256QAM | 1 | 24 | 19.93 | 19.91 | 19.89 | | | | |
| 5 | 256QAM | 12 | 0 | 20.01 | 20.04 | 20.01 | 20.7 | 1 | | |
| 5 | 256QAM | 12 | 7 | 19.68 | 19.89 | 19.75 | | | | |
| 5 | 256QAM | 12 | 13 | 19.84 | 19.90 | 19.79 | 20.7 | 1 | | |
| 5 | 256QAM | 25 | 0 | 19.91 | 19.97 | 19.94 | | | | |

| Band 41 Ant4 DSI 3-Other PA | | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 20.80 | 20.63 | 20.78 | 20.58 | 20.60 | 21.2 | 0 |
| 20 | QPSK | 1 | 49 | 20.41 | 20.53 | 20.50 | 20.47 | 20.52 | | |
| 20 | QPSK | 1 | 99 | 20.35 | 20.36 | 20.36 | 20.49 | 20.36 | 21.2 | 0 |
| 20 | QPSK | 50 | 0 | 20.86 | 20.72 | 20.75 | 20.63 | 20.56 | | |
| 20 | QPSK | 50 | 24 | 20.30 | 20.47 | 20.46 | 20.40 | 20.45 | 21.2 | 0 |
| 20 | QPSK | 50 | 50 | 20.46 | 20.44 | 20.48 | 20.54 | 20.31 | | |
| 20 | QPSK | 100 | 0 | 20.63 | 20.68 | 20.71 | 20.58 | 20.66 | 21.2 | 0 |
| 20 | 16QAM | 1 | 0 | 20.63 | 20.61 | 20.64 | 20.38 | 20.60 | | |
| 20 | 16QAM | 1 | 49 | 20.42 | 20.46 | 20.43 | 20.34 | 20.53 | 21.2 | 0 |
| 20 | 16QAM | 1 | 99 | 20.21 | 20.35 | 20.28 | 20.39 | 20.31 | | |
| 20 | 16QAM | 50 | 0 | 20.50 | 20.47 | 20.58 | 20.52 | 20.43 | 21.2 | 0 |
| 20 | 16QAM | 50 | 24 | 20.24 | 20.44 | 20.47 | 20.30 | 20.52 | | |
| 20 | 16QAM | 50 | 50 | 20.17 | 20.28 | 20.15 | | | | |



GSM1900 Ant5 Default

| GSM1900 TX Channel | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|-----------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | 1850.2 | 1880 | 1909.8 | 31.00 | 1850.2 | 1880 | 1909.8 | 22.00 |
| GSM 1 Tx slot | 29.93 | 30.05 | 29.95 | 31.00 | 20.93 | 21.05 | 20.95 | 22.00 |
| GPRS 1 Tx slot | 29.92 | 30.03 | 29.94 | 31.00 | 20.92 | 21.03 | 20.94 | 22.00 |
| GPRS 2 Tx slots | 26.69 | 26.92 | 26.77 | 28.00 | 20.69 | 20.92 | 20.77 | 22.00 |
| GPRS 3 Tx slots | 24.78 | 25.06 | 24.86 | 26.20 | 20.52 | 20.80 | 20.60 | 21.94 |
| GPRS 4 Tx slots | 23.41 | 23.76 | 23.67 | 25.00 | 20.41 | 20.76 | 20.67 | 22.00 |
| EDGE 1 Tx slot | 25.67 | 25.86 | 25.59 | 27.00 | 16.67 | 16.86 | 16.59 | 18.00 |
| EDGE 2 Tx slots | 22.50 | 22.84 | 22.75 | 24.00 | 16.50 | 16.84 | 16.75 | 18.00 |
| EDGE 3 Tx slots | 20.87 | 21.09 | 21.01 | 22.20 | 16.81 | 16.83 | 16.75 | 17.94 |
| EDGE 4 Tx slots | 19.46 | 19.76 | 19.70 | 21.00 | 16.46 | 16.76 | 16.70 | 18.00 |

WCDMA II Ant5 DSI 3

WCDMA IV Ant5 DSI 3

| Band TX Channel | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|------------------------------------|----------|-------|--------|---------------------------|----------|--------|--------|---------------------------|
| | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | |
| Rx Channel | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | |
| Frequency (MHz) | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | |
| 3GPP Rel 99 AMR 12.2Kbps | 22.62 | 22.62 | 22.59 | 23.50 | 22.51 | 22.64 | 22.67 | 24.00 |
| 3GPP Rel 99 RMC 12.2Kbps | 22.64 | 22.76 | 22.60 | 23.50 | 22.44 | 22.76 | 22.67 | 24.00 |
| 3GPP Rel 6 HSDPA Subtest-1 | 21.59 | 21.65 | 21.46 | 22.50 | 21.42 | 21.64 | 21.50 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-2 | 21.31 | 21.66 | 21.34 | 22.50 | 21.54 | 21.71 | 21.64 | 23.00 |
| 3GPP Rel 6 HSDPA Subtest-3 | 21.11 | 21.09 | 21.17 | 22.00 | 21.03 | 21.09 | 21.04 | 22.50 |
| 3GPP Rel 6 HSDPA Subtest-4 | 21.14 | 21.05 | 21.16 | 22.00 | 21.22 | 21.07 | 21.10 | 22.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-1 | 21.74 | 21.57 | 21.74 | 22.50 | 21.57 | 21.67 | 21.67 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-2 | 21.36 | 21.57 | 21.43 | 22.50 | 21.42 | 21.61 | 21.47 | 23.00 |
| 3GPP Rel 8 DC-HSDPA Subtest-3 | 21.06 | 21.29 | 21.08 | 22.00 | 21.01 | 21.16 | 21.17 | 22.50 |
| 3GPP Rel 8 DC-HSDPA Subtest-4 | 20.93 | 21.28 | 21.02 | 22.00 | 21.04 | 21.28 | 21.05 | 22.50 |
| 3GPP Rel 6 HSUPA Subtest-1 | 21.64 | 21.75 | 21.70 | 22.30 | 21.46 | 21.56 | 21.35 | 23.00 |
| 3GPP Rel 6 HSUPA Subtest-2 | 19.71 | 19.66 | 19.73 | 20.50 | 19.70 | 19.53 | 19.78 | 21.00 |
| 3GPP Rel 6 HSUPA Subtest-3 | 20.57 | 20.80 | 20.64 | 21.50 | 20.48 | 20.58 | 20.61 | 22.00 |
| 3GPP Rel 6 HSUPA Subtest-4 | 19.71 | 19.72 | 19.70 | 20.50 | 19.55 | 19.56 | 19.52 | 21.00 |
| 3GPP Rel 6 HSUPA Subtest-5 | 21.51 | 21.66 | 21.55 | 22.50 | 21.64 | 21.65 | 21.51 | 23.00 |
| 3GPP Rel 7 HSPA+ (16QAM) Subtest-1 | 19.08 | 19.17 | 19.22 | 20.00 | 19.11 | 19.29 | 19.02 | 20.50 |



| Band 38 Ant5 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.18 | 23.14 | 23.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.95 | 23.07 | 23.07 | | | | |
| 20 | QPSK | 1 | 99 | 23.05 | 23.00 | 22.84 | 23.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 23.09 | 23.15 | 23.11 | | | | |
| 20 | QPSK | 50 | 24 | 23.02 | 22.96 | 22.97 | 23.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 23.08 | 23.03 | 22.87 | | | | |
| 20 | QPSK | 100 | 0 | 23.03 | 23.12 | 23.09 | 23.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.92 | 23.03 | | | | |
| 20 | 16QAM | 1 | 49 | 23.12 | 23.11 | 22.95 | 23.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 23.08 | 22.91 | 23.05 | | | | |
| 20 | 16QAM | 50 | 0 | 23.07 | 23.15 | 23.10 | 23.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 22.93 | 23.05 | 22.90 | | | | |
| 20 | 16QAM | 50 | 50 | 23.03 | 23.11 | 23.07 | 23.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 23.04 | 23.16 | 23.02 | | | | |
| 20 | 64QAM | 1 | 0 | 23.13 | 23.15 | 23.12 | 23.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 23.09 | 23.12 | 23.16 | | | | |
| 20 | 64QAM | 1 | 99 | 23.04 | 23.10 | 23.14 | 22.7 | 1 | | |
| 20 | 64QAM | 50 | 0 | 22.02 | 22.17 | 22.07 | | | | |
| 20 | 64QAM | 50 | 24 | 22.01 | 22.02 | 21.97 | 22.7 | 1 | | |
| 20 | 64QAM | 50 | 50 | 22.08 | 22.14 | 22.08 | | | | |
| 20 | 64QAM | 100 | 0 | 21.99 | 22.10 | 21.93 | 20.7 | 3 | | |
| 20 | 256QAM | 1 | 0 | 19.97 | 20.10 | 19.92 | | | | |
| 20 | 256QAM | 1 | 49 | 19.90 | 19.98 | 19.92 | 20.7 | 3 | | |
| 20 | 256QAM | 1 | 99 | 19.82 | 19.97 | 19.86 | | | | |
| 20 | 256QAM | 50 | 0 | 20.08 | 20.22 | 20.08 | 20.7 | 3 | | |
| 20 | 256QAM | 50 | 24 | 19.97 | 20.07 | 20.02 | | | | |
| 20 | 256QAM | 50 | 50 | 20.02 | 20.04 | 19.90 | 20.7 | 3 | | |
| 20 | 256QAM | 100 | 0 | 20.08 | 20.15 | 20.10 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 22.93 | 23.06 | 23.00 | 23.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 22.88 | 22.92 | 22.89 | | | | |
| 15 | QPSK | 1 | 74 | 22.86 | 22.99 | 22.80 | 23.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 22.90 | 22.94 | 22.90 | | | | |
| 15 | QPSK | 36 | 20 | 23.00 | 22.94 | 22.90 | 23.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 22.89 | 23.02 | 22.73 | | | | |
| 15 | QPSK | 75 | 0 | 23.01 | 23.05 | 23.10 | 23.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 22.86 | 22.84 | 22.95 | | | | |
| 15 | 16QAM | 1 | 37 | 23.12 | 22.90 | 22.85 | 23.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 22.96 | 22.89 | 22.92 | | | | |
| 15 | 16QAM | 36 | 0 | 22.93 | 23.04 | 22.97 | 23.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 22.80 | 22.99 | 22.76 | | | | |
| 15 | 16QAM | 36 | 39 | 22.90 | 22.97 | 22.96 | 23.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.12 | 22.95 | | | | |
| 15 | 64QAM | 1 | 0 | 23.13 | 23.14 | 23.08 | 23.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 23.03 | 23.14 | 23.13 | | | | |
| 15 | 64QAM | 1 | 74 | 22.99 | 23.11 | 23.11 | 22.7 | 1 | | |
| 15 | 64QAM | 36 | 0 | 21.98 | 22.03 | 21.98 | | | | |
| 15 | 64QAM | 36 | 20 | 21.87 | 21.92 | 21.86 | 22.7 | 1 | | |
| 15 | 64QAM | 36 | 39 | 21.95 | 22.06 | 22.05 | | | | |
| 15 | 64QAM | 75 | 0 | 21.91 | 22.00 | 21.85 | 20.7 | 3 | | |
| 15 | 256QAM | 1 | 0 | 19.91 | 20.03 | 19.82 | | | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.86 | 19.85 | 20.7 | 3 | | |
| 15 | 256QAM | 1 | 74 | 19.68 | 19.93 | 19.76 | | | | |
| 15 | 256QAM | 36 | 0 | 19.96 | 20.17 | 19.98 | 20.7 | 3 | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.02 | 19.90 | | | | |
| 15 | 256QAM | 36 | 39 | 19.94 | 19.98 | 19.81 | 20.7 | 3 | | |
| 15 | 256QAM | 75 | 0 | 19.96 | 20.11 | 20.03 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.01 | 23.05 | 23.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 22.93 | 23.01 | 22.98 | | | | |
| 10 | QPSK | 1 | 49 | 22.97 | 23.01 | 22.75 | 23.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 22.87 | 23.08 | 23.09 | | | | |
| 10 | QPSK | 25 | 12 | 23.00 | 22.84 | 22.79 | 23.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 23.04 | 22.84 | 22.69 | | | | |
| 10 | QPSK | 50 | 0 | 22.97 | 23.00 | 22.88 | 23.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 22.97 | 22.90 | 23.04 | | | | |
| 10 | 16QAM | 1 | 25 | 23.10 | 23.00 | 22.94 | 23.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 23.02 | 22.75 | 22.93 | | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.11 | 23.07 | 23.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.96 | 22.77 | | | | |
| 10 | 16QAM | 25 | 25 | 22.92 | 23.01 | 23.04 | 23.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.03 | 22.88 | | | | |
| 10 | 64QAM | 1 | 0 | 23.10 | 23.15 | 23.08 | 23.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 23.01 | 23.14 | 23.03 | | | | |
| 10 | 64QAM | 1 | 49 | 22.96 | 23.09 | 23.05 | 22.7 | 1 | | |
| 10 | 64QAM | 25 | 0 | 21.98 | 22.08 | 21.99 | | | | |
| 10 | 64QAM | 25 | 12 | 21.90 | 21.92 | 21.87 | 22.7 | 1 | | |
| 10 | 64QAM | 25 | 25 | 22.03 | 22.02 | 22.00 | | | | |
| 10 | 64QAM | 50 | 0 | 21.85 | 21.99 | 21.78 | 20.7 | 3 | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | | | | |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.92 | 19.87 | 20.7 | 3 | | |
| 10 | 256QAM | 1 | 49 | 19.71 | 19.90 | 19.84 | | | | |
| 10 | 256QAM | 25 | 0 | 19.94 | 20.09 | 19.98 | 20.7 | 3 | | |
| 10 | 256QAM | 25 | 12 | 19.90 | 20.00 | 19.88 | | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.89 | 19.87 | 20.7 | 3 | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.10 | 20.02 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 23.01 | 23.14 | 23.08 | 23.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.85 | 22.99 | 22.94 | | | | |
| 5 | QPSK | 1 | 24 | 23.03 | 22.82 | 22.85 | 23.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 23.04 | 23.10 | 22.97 | | | | |
| 5 | QPSK | 12 | 7 | 22.81 | 22.81 | 22.81 | 23.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 23.04 | 23.05 | 22.86 | | | | |
| 5 | QPSK | 25 | 0 | 22.96 | 23.13 | 22.89 | 23.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 22.85 | 22.82 | 23.05 | | | | |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.00 | 23.03 | 23.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 22.93 | 22.70 | 22.89 | | | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.06 | 22.98 | 23.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 22.89 | 22.99 | 22.79 | | | | |
| 5 | 16QAM | 12 | 13 | 22.88 | 23.04 | 22.93 | 23.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 22.93 | 23.04 | 22.93 | | | | |
| 5 | 64QAM | 1 | 0 | 23.09 | 23.10 | 23.10 | 23.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 23.02 | 23.12 | 23.02 | | | | |
| 5 | 64QAM | 1 | 24 | 22.93 | 23.08 | 23.01 | 22.7 | 1 | | |
| 5 | 64QAM | 12 | 0 | 21.88 | 22.04 | 21.95 | | | | |
| 5 | 64QAM | 12 | 7 | 21.88 | 21.99 | 21.84 | 22.7 | 1 | | |
| 5 | 64QAM | 12 | 13 | 21.95 | 21.99 | 21.97 | | | | |
| 5 | 64QAM | 25 | 0 | 21.88 | 22.07 | 21.89 | 20.7 | 3 | | |
| 5 | 256QAM | 1 | 0 | 19.91 | 19.99 | 19.79 | | | | |
| 5 | 256QAM | 1 | 12 | 19.76 | 19.85 | 19.87 | 20.7 | 3 | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.94 | 19.81 | | | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 20.10 | 20.03 | 20.7 | 3 | | |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.00 | 19.89 | | | | |
| 5 | 256QAM | 12 | 13 | 19.88 | 19.96 | 19.81 | 20.7 | 3 | | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.07 | 20.06 | | | | |

| Band 41 Ant5 DSI 3 | | | | | | | | | | |
|--------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 22.70 | 22.71 | 22.74 | 22.68 | 22.66 | 23.2 | 0 |
| 20 | QPSK | 1 | 49 | 22.48 | 22.47 | 22.52 | 22.65 | 22.49 | | |
| 20 | QPSK | 1 | 99 | 22.53 | 22.57 | 22.51 | 22.49 | 22.62 | 23.2 | 0 |
| 20 | QPSK | 50 | 0 | 22.67 | 22.64 | 22.72 | 22.69 | 22.68 | | |
| 20 | QPSK | 50 | 24 | 22.53 | 22.58 | 22.64 | 22.45 | 22.51 | 23.2 | 0 |
| 20 | QPSK | 50 | 50 | 22.64 | 22.62 | 22.51 | 22.41 | 22.60 | | |
| 20 | QPSK | 100 | 0 | 22.68 | 22.64 | 22.70 | 22.62 | 22.66 | 23.2 | 0 |
| 20 | 16QAM | 1 | 0 | 22.37 | 22.45 | 22.46 | 22.59 | 22.42 | | |
| 20 | 16QAM | | | | | | | | | |



Reduced Power Mode for WWAN for DSI 3_Main PA

Table with columns: RB (MHz), Modulation, RB Size, RB Offset, Power Ch./Freq., Power Hsp./Ch./Freq., Power Hsp./Freq., Turn-up time (min), MPR (dB). Contains data for Band 4 An3 DSS3.

Table with columns: RB (MHz), Modulation, RB Size, RB Offset, Power Ch./Freq., Power Hsp./Ch./Freq., Power Hsp./Freq., Turn-up time (min), MPR (dB). Contains data for Band 7 An3 DSS3.

Table with columns: RB (MHz), Modulation, RB Size, RB Offset, Power Ch./Freq., Power Hsp./Ch./Freq., Power Hsp./Freq., Turn-up time (min), MPR (dB). Contains data for Band 68 An3 DSS3.



| Band 38 Ant3 DS13 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 21.48 | 21.63 | 21.60 | | | | |
| 20 | QPSK | 1 | 49 | 21.47 | 21.49 | 21.56 | 22.2 | 0 | | |
| 20 | QPSK | 1 | 99 | 21.44 | 21.43 | 21.53 | | | | |
| 20 | QPSK | 50 | 0 | 21.33 | 21.58 | 21.47 | | | | |
| 20 | QPSK | 50 | 24 | 21.40 | 21.38 | 21.25 | 22.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 21.34 | 21.32 | 21.34 | | | | |
| 20 | QPSK | 100 | 0 | 21.34 | 21.41 | 21.26 | | | | |
| 20 | 16QAM | 1 | 0 | 21.12 | 21.23 | 21.27 | | | | |
| 20 | 16QAM | 1 | 49 | 21.15 | 21.21 | 21.23 | 22.2 | 0 | | |
| 20 | 16QAM | 1 | 99 | 21.40 | 21.45 | 21.10 | | | | |
| 20 | 16QAM | 50 | 0 | 21.43 | 21.50 | 21.15 | | | | |
| 20 | 16QAM | 50 | 24 | 21.15 | 21.44 | 21.33 | 22.2 | 0 | | |
| 20 | 16QAM | 50 | 50 | 21.37 | 21.47 | 21.32 | | | | |
| 20 | 16QAM | 100 | 0 | 21.41 | 21.54 | 21.43 | | | | |
| 20 | 64QAM | 1 | 0 | 21.38 | 21.61 | 21.50 | | | | |
| 20 | 64QAM | 1 | 49 | 21.40 | 21.53 | 21.36 | 22.2 | 0 | | |
| 20 | 64QAM | 1 | 99 | 21.51 | 21.34 | 21.47 | | | | |
| 20 | 64QAM | 50 | 0 | 20.86 | 21.04 | 20.91 | | | | |
| 20 | 64QAM | 50 | 24 | 20.91 | 20.79 | 20.80 | 21.7 | 0.5 | | |
| 20 | 64QAM | 50 | 50 | 20.85 | 20.97 | 21.05 | | | | |
| 20 | 64QAM | 100 | 0 | 21.05 | 21.13 | 21.04 | | | | |
| 20 | 256QAM | 1 | 0 | 18.93 | 19.03 | 19.10 | | | | |
| 20 | 256QAM | 1 | 49 | 18.86 | 18.91 | 18.73 | 19.7 | 2.5 | | |
| 20 | 256QAM | 1 | 99 | 19.00 | 19.13 | 18.94 | | | | |
| 20 | 256QAM | 50 | 0 | 18.99 | 19.05 | 18.95 | | | | |
| 20 | 256QAM | 50 | 24 | 18.87 | 19.08 | 18.90 | 19.7 | 2.5 | | |
| 20 | 256QAM | 50 | 50 | 18.88 | 18.85 | 18.92 | | | | |
| 20 | 256QAM | 100 | 0 | 18.99 | 19.11 | 19.17 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 21.46 | 21.40 | 21.35 | 22.2 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.24 | 21.28 | 21.34 | | | | |
| 15 | QPSK | 1 | 74 | 21.45 | 21.38 | 21.42 | | | | |
| 15 | QPSK | 36 | 0 | 21.17 | 21.33 | 21.22 | | | | |
| 15 | QPSK | 36 | 20 | 21.24 | 21.34 | 21.19 | 22.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 21.16 | 21.27 | 21.13 | | | | |
| 15 | QPSK | 75 | 0 | 21.17 | 21.29 | 21.12 | | | | |
| 15 | 16QAM | 1 | 0 | 20.92 | 21.10 | 21.19 | | | | |
| 15 | 16QAM | 1 | 37 | 21.18 | 21.07 | 21.05 | 22.2 | 0 | | |
| 15 | 16QAM | 1 | 74 | 21.35 | 21.27 | 20.99 | | | | |
| 15 | 16QAM | 36 | 0 | 21.21 | 21.46 | 21.23 | | | | |
| 15 | 16QAM | 36 | 20 | 21.26 | 21.39 | 21.35 | 22.2 | 0 | | |
| 15 | 16QAM | 36 | 39 | 21.22 | 21.49 | 21.27 | | | | |
| 15 | 16QAM | 75 | 0 | 21.45 | 21.31 | 21.38 | | | | |
| 15 | 64QAM | 1 | 0 | 21.17 | 21.37 | 21.52 | | | | |
| 15 | 64QAM | 1 | 37 | 21.26 | 21.59 | 21.27 | 22.2 | 0 | | |
| 15 | 64QAM | 1 | 74 | 21.33 | 21.36 | 21.24 | | | | |
| 15 | 64QAM | 36 | 0 | 20.80 | 20.91 | 20.88 | | | | |
| 15 | 64QAM | 36 | 20 | 20.85 | 20.80 | 20.84 | 21.7 | 0.5 | | |
| 15 | 64QAM | 36 | 39 | 20.59 | 20.71 | 20.99 | | | | |
| 15 | 64QAM | 75 | 0 | 20.93 | 21.02 | 20.91 | | | | |
| 15 | 256QAM | 1 | 0 | 18.72 | 18.89 | 19.05 | | | | |
| 15 | 256QAM | 1 | 37 | 18.79 | 18.86 | 18.57 | 19.7 | 2.5 | | |
| 15 | 256QAM | 1 | 74 | 18.85 | 18.91 | 18.85 | | | | |
| 15 | 256QAM | 36 | 0 | 18.94 | 18.95 | 18.72 | | | | |
| 15 | 256QAM | 36 | 20 | 18.84 | 18.84 | 18.82 | 19.7 | 2.5 | | |
| 15 | 256QAM | 36 | 39 | 18.91 | 18.70 | 18.98 | | | | |
| 15 | 256QAM | 75 | 0 | 18.81 | 19.00 | 19.05 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 21.65 | 21.51 | 21.54 | 22.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 21.37 | 21.51 | 21.36 | | | | |
| 10 | QPSK | 1 | 49 | 21.21 | 21.21 | 21.30 | | | | |
| 10 | QPSK | 25 | 0 | 21.15 | 21.38 | 21.36 | | | | |
| 10 | QPSK | 25 | 12 | 21.31 | 21.33 | 21.16 | 22.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 21.18 | 21.07 | 21.08 | | | | |
| 10 | QPSK | 50 | 0 | 21.23 | 21.29 | 21.28 | | | | |
| 10 | 16QAM | 1 | 0 | 20.95 | 21.07 | 21.25 | | | | |
| 10 | 16QAM | 1 | 25 | 21.05 | 21.08 | 21.10 | 22.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 21.32 | 21.29 | 21.10 | | | | |
| 10 | 16QAM | 25 | 0 | 21.31 | 21.46 | 21.16 | | | | |
| 10 | 16QAM | 25 | 12 | 21.16 | 21.46 | 21.15 | 22.2 | 0 | | |
| 10 | 16QAM | 25 | 25 | 21.12 | 21.50 | 21.17 | | | | |
| 10 | 16QAM | 50 | 0 | 21.24 | 21.31 | 21.44 | | | | |
| 10 | 64QAM | 1 | 0 | 21.30 | 21.43 | 21.43 | | | | |
| 10 | 64QAM | 1 | 25 | 21.39 | 21.50 | 21.26 | 22.2 | 0 | | |
| 10 | 64QAM | 1 | 49 | 21.27 | 21.14 | 21.45 | | | | |
| 10 | 64QAM | 25 | 0 | 20.64 | 20.95 | 20.70 | | | | |
| 10 | 64QAM | 25 | 12 | 20.83 | 20.67 | 20.76 | 21.7 | 0.5 | | |
| 10 | 64QAM | 25 | 25 | 20.75 | 20.82 | 20.94 | | | | |
| 10 | 64QAM | 50 | 0 | 20.96 | 21.08 | 21.00 | | | | |
| 10 | 256QAM | 1 | 0 | 18.94 | 18.88 | 18.98 | | | | |
| 10 | 256QAM | 1 | 25 | 18.69 | 18.94 | 18.73 | 19.7 | 2.5 | | |
| 10 | 256QAM | 1 | 49 | 18.83 | 19.11 | 18.75 | | | | |
| 10 | 256QAM | 25 | 0 | 18.98 | 18.97 | 18.85 | | | | |
| 10 | 256QAM | 25 | 12 | 18.84 | 19.03 | 18.83 | 19.7 | 2.5 | | |
| 10 | 256QAM | 25 | 25 | 18.87 | 18.70 | 18.71 | | | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 19.03 | 19.20 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 21.39 | 21.42 | 21.56 | 22.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 21.40 | 21.34 | 21.52 | | | | |
| 5 | QPSK | 1 | 24 | 21.35 | 21.28 | 21.40 | | | | |
| 5 | QPSK | 12 | 0 | 21.20 | 21.34 | 21.28 | | | | |
| 5 | QPSK | 12 | 7 | 21.42 | 21.19 | 21.27 | 22.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 21.35 | 21.10 | 21.29 | | | | |
| 5 | QPSK | 25 | 0 | 21.14 | 21.18 | 21.02 | | | | |
| 5 | 16QAM | 1 | 0 | 21.03 | 21.16 | 21.13 | | | | |
| 5 | 16QAM | 1 | 12 | 20.91 | 21.07 | 21.10 | 22.2 | 0 | | |
| 5 | 16QAM | 1 | 24 | 21.27 | 21.23 | 20.93 | | | | |
| 5 | 16QAM | 12 | 0 | 21.32 | 21.38 | 21.14 | | | | |
| 5 | 16QAM | 12 | 7 | 20.96 | 21.46 | 21.29 | 22.2 | 0 | | |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.36 | 21.22 | | | | |
| 5 | 16QAM | 25 | 0 | 21.30 | 21.33 | 21.46 | | | | |
| 5 | 64QAM | 1 | 0 | 21.26 | 21.36 | 21.30 | | | | |
| 5 | 64QAM | 1 | 12 | 21.33 | 21.37 | 21.16 | 22.2 | 0 | | |
| 5 | 64QAM | 1 | 24 | 21.48 | 21.36 | 21.50 | | | | |
| 5 | 64QAM | 12 | 0 | 20.60 | 21.06 | 20.90 | | | | |
| 5 | 64QAM | 12 | 7 | 20.84 | 20.71 | 20.60 | 21.7 | 0.5 | | |
| 5 | 64QAM | 12 | 13 | 20.67 | 20.89 | 21.04 | | | | |
| 5 | 64QAM | 25 | 0 | 20.84 | 21.04 | 20.83 | | | | |
| 5 | 256QAM | 1 | 0 | 18.88 | 18.90 | 19.03 | | | | |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.95 | 18.64 | 19.7 | 2.5 | | |
| 5 | 256QAM | 1 | 24 | 18.77 | 19.06 | 18.93 | | | | |
| 5 | 256QAM | 12 | 0 | 18.98 | 18.91 | 18.78 | | | | |
| 5 | 256QAM | 12 | 7 | 18.90 | 18.87 | 18.82 | 19.7 | 2.5 | | |
| 5 | 256QAM | 12 | 13 | 18.92 | 18.88 | 18.79 | | | | |
| 5 | 256QAM | 25 | 0 | 18.85 | 18.96 | 19.14 | | | | |

| Band 41 Ant3 DS13 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 21.15 | 21.07 | 21.32 | 21.25 | 21.29 | | |
| 20 | QPSK | 1 | 49 | 20.96 | 21.08 | 21.15 | 21.05 | 21.14 | 21.7 | 0 |
| 20 | QPSK | 1 | 99 | 21.19 | 20.99 | 21.31 | 21.05 | 21.19 | | |
| 20 | QPSK | 50 | 0 | 21.08 | 20.84 | 21.25 | 20.97 | 21.04 | | |
| 20 | QPSK | 50 | 24 | 20.84 | 20.81 | 20.90 | 21.01 | 20.91 | 21.7 | 0 |
| 20 | QPSK | 50 | 50 | 21.23 | 20.83 | 21.13 | 21.11 | 20.96 | | |
| 20 | QPSK | 100 | 0 | 21.03 | 21.13 | 21.16 | 21.11 | 21.05 | | |
| 20 | 16QAM | 1 | 0 | 20.84 | 21.17 | 21.11 | 21.19 | | | |



| Band 4 Ant4 DSI3 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up limit (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 19.14 | 19.27 | 19.14 | | | | |
| 20 | QPSK | 1 | 49 | 18.83 | 18.94 | 18.84 | 19.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 18.83 | 18.94 | 18.84 | | | | |
| 20 | QPSK | 50 | 0 | 19.08 | 19.13 | 19.01 | | | | |
| 20 | QPSK | 50 | 24 | 19.08 | 19.13 | 19.01 | | | | |
| 20 | QPSK | 50 | 50 | 19.11 | 19.06 | 19.12 | | | | |
| 20 | QPSK | 100 | 0 | 19.01 | 19.05 | 19.03 | | | | |
| 20 | QPSK | 100 | 0 | 19.03 | 19.03 | 19.12 | | | | |
| 20 | 16QAM | 1 | 49 | 18.84 | 19.07 | 18.89 | 19.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 18.74 | 18.78 | 18.92 | | | | |
| 20 | 16QAM | 50 | 0 | 19.08 | 19.06 | 19.09 | | | | |
| 20 | 16QAM | 50 | 24 | 18.81 | 18.97 | 18.91 | 19.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.12 | 19.05 | 19.05 | | | | |
| 20 | 16QAM | 100 | 0 | 19.15 | 19.09 | 19.11 | | | | |
| 20 | 64QAM | 1 | 0 | 19.06 | 19.03 | 19.17 | | | | |
| 20 | 64QAM | 1 | 49 | 18.89 | 19.09 | 19.09 | 19.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.84 | 19.20 | 18.96 | | | | |
| 20 | 64QAM | 50 | 24 | 18.97 | 19.10 | 18.91 | 19.7 | 0 | | |
| 20 | 64QAM | 100 | 0 | 19.15 | 19.06 | 19.04 | | | | |
| 20 | 256QAM | 1 | 49 | 18.93 | 19.15 | 18.98 | | | | |
| 20 | 256QAM | 1 | 99 | 18.83 | 19.10 | 19.05 | | | | |
| 20 | 256QAM | 50 | 0 | 18.96 | 19.07 | 19.05 | | | | |
| 20 | 256QAM | 50 | 24 | 18.75 | 18.92 | 18.99 | 19.7 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.96 | 18.84 | 18.96 | | | | |
| 20 | 256QAM | 100 | 0 | 19.03 | 19.03 | 19.03 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 19.08 | 19.14 | 19.16 | | | | |
| 15 | QPSK | 1 | 37 | 19.14 | 19.14 | 19.09 | 19.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 18.66 | 18.86 | 18.71 | | | | |
| 15 | QPSK | 36 | 0 | 19.00 | 18.99 | 18.78 | | | | |
| 15 | QPSK | 36 | 20 | 19.00 | 19.00 | 18.99 | | | | |
| 15 | QPSK | 36 | 39 | 19.16 | 18.91 | 18.97 | 19.7 | 0 | | |
| 15 | QPSK | 75 | 0 | 18.77 | 18.97 | 18.87 | | | | |
| 15 | 16QAM | 1 | 0 | 18.85 | 19.22 | 18.11 | | | | |
| 15 | 16QAM | 1 | 37 | 18.74 | 18.90 | 18.87 | 19.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 18.66 | 18.86 | 18.71 | | | | |
| 15 | 16QAM | 36 | 0 | 19.12 | 18.78 | 18.74 | | | | |
| 15 | 16QAM | 36 | 20 | 18.86 | 18.96 | 18.89 | 19.7 | 0 | | |
| 15 | 16QAM | 36 | 39 | 18.86 | 18.96 | 18.89 | | | | |
| 15 | 16QAM | 75 | 0 | 19.16 | 19.04 | 19.04 | | | | |
| 15 | 64QAM | 1 | 0 | 19.05 | 19.00 | 18.95 | | | | |
| 15 | 64QAM | 1 | 37 | 18.88 | 19.07 | 18.97 | 19.7 | 0 | | |
| 15 | 64QAM | 1 | 74 | 18.69 | 18.75 | 18.85 | | | | |
| 15 | 64QAM | 36 | 0 | 18.76 | 19.03 | 18.81 | 19.7 | 0 | | |
| 15 | 64QAM | 36 | 20 | 18.91 | 18.91 | 18.84 | | | | |
| 15 | 64QAM | 36 | 39 | 18.98 | 19.02 | 18.95 | | | | |
| 15 | 64QAM | 75 | 0 | 19.13 | 18.83 | 18.77 | | | | |
| 15 | 256QAM | 1 | 0 | 18.98 | 19.16 | 18.99 | | | | |
| 15 | 256QAM | 1 | 37 | 18.98 | 19.16 | 18.99 | 19.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.69 | 18.88 | 18.93 | | | | |
| 15 | 256QAM | 36 | 0 | 18.86 | 18.96 | 18.89 | | | | |
| 15 | 256QAM | 36 | 20 | 18.58 | 18.96 | 18.76 | 19.7 | 0 | | |
| 15 | 256QAM | 36 | 39 | 18.76 | 18.95 | 18.74 | | | | |
| 15 | 256QAM | 75 | 0 | 19.05 | 19.07 | 19.03 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 18.91 | 18.96 | 18.96 | | | | |
| 10 | QPSK | 1 | 25 | 18.94 | 18.93 | 19.20 | 19.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 18.88 | 18.82 | 18.74 | | | | |
| 10 | QPSK | 12 | 0 | 18.91 | 19.17 | 18.87 | | | | |
| 10 | QPSK | 25 | 12 | 18.91 | 19.02 | 19.11 | | | | |
| 10 | QPSK | 25 | 25 | 19.05 | 19.01 | 19.04 | 19.7 | 0 | | |
| 10 | QPSK | 25 | 49 | 18.92 | 18.92 | 18.99 | | | | |
| 10 | 16QAM | 1 | 0 | 19.08 | 18.84 | 19.09 | | | | |
| 10 | 16QAM | 1 | 24 | 18.70 | 19.02 | 18.93 | 19.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.86 | 18.96 | 18.86 | | | | |
| 10 | 16QAM | 25 | 0 | 19.07 | 18.73 | 18.79 | | | | |
| 10 | 16QAM | 25 | 12 | 18.80 | 18.93 | 18.91 | 19.7 | 0 | | |
| 10 | 16QAM | 25 | 25 | 18.86 | 18.90 | 18.93 | | | | |
| 10 | 16QAM | 50 | 0 | 19.11 | 19.13 | 19.10 | | | | |
| 10 | 64QAM | 1 | 0 | 18.92 | 18.81 | 18.98 | | | | |
| 10 | 64QAM | 1 | 24 | 18.72 | 19.07 | 18.93 | 19.7 | 0 | | |
| 10 | 64QAM | 1 | 49 | 18.77 | 18.92 | 18.84 | | | | |
| 10 | 64QAM | 25 | 0 | 18.87 | 19.21 | 18.92 | | | | |
| 10 | 64QAM | 25 | 12 | 18.87 | 19.06 | 18.97 | 19.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.11 | 19.03 | 18.82 | | | | |
| 10 | 64QAM | 50 | 0 | 19.00 | 18.93 | 18.79 | | | | |
| 10 | 256QAM | 1 | 0 | 19.04 | 19.04 | 19.04 | | | | |
| 10 | 256QAM | 1 | 24 | 18.95 | 19.05 | 18.83 | 19.7 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.88 | 18.92 | 19.08 | | | | |
| 10 | 256QAM | 25 | 0 | 18.86 | 18.84 | 18.85 | | | | |
| 10 | 256QAM | 25 | 25 | 18.75 | 18.88 | 18.84 | 19.7 | 0 | | |
| 10 | 256QAM | 50 | 0 | 19.04 | 19.04 | 19.04 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 18.91 | 18.96 | 18.96 | | | | |
| 5 | QPSK | 1 | 12 | 18.98 | 18.95 | 19.01 | 19.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 18.88 | 18.89 | 18.92 | | | | |
| 5 | QPSK | 12 | 0 | 18.91 | 19.17 | 18.87 | | | | |
| 5 | QPSK | 12 | 7 | 18.98 | 19.03 | 19.07 | | | | |
| 5 | QPSK | 12 | 13 | 19.02 | 19.00 | 19.04 | 19.7 | 0 | | |
| 5 | QPSK | 25 | 0 | 19.08 | 19.08 | 19.08 | | | | |
| 5 | 16QAM | 1 | 0 | 18.93 | 18.81 | 18.98 | | | | |
| 5 | 16QAM | 1 | 12 | 18.85 | 18.89 | 18.70 | 19.7 | 0 | | |
| 5 | 16QAM | 12 | 0 | 18.75 | 19.09 | 18.86 | | | | |
| 5 | 16QAM | 12 | 7 | 18.99 | 18.78 | 18.84 | 19.7 | 0 | | |
| 5 | 16QAM | 12 | 13 | 18.75 | 18.90 | 18.86 | | | | |
| 5 | 16QAM | 25 | 0 | 19.08 | 19.08 | 19.15 | | | | |
| 5 | 64QAM | 1 | 0 | 19.00 | 19.06 | 19.04 | | | | |
| 5 | 64QAM | 1 | 12 | 18.79 | 19.09 | 18.93 | 19.7 | 0 | | |
| 5 | 64QAM | 1 | 24 | 18.84 | 18.71 | 18.80 | | | | |
| 5 | 64QAM | 12 | 0 | 18.90 | 19.17 | 19.01 | 19.7 | 0 | | |
| 5 | 64QAM | 12 | 7 | 18.96 | 19.02 | 18.91 | | | | |
| 5 | 64QAM | 12 | 13 | 18.96 | 18.97 | 18.96 | | | | |
| 5 | 64QAM | 25 | 0 | 19.06 | 18.90 | 18.79 | | | | |
| 5 | 256QAM | 1 | 0 | 18.83 | 18.91 | 18.91 | | | | |
| 5 | 256QAM | 1 | 12 | 18.87 | 19.11 | 18.82 | 19.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.85 | 18.97 | 18.85 | | | | |
| 5 | 256QAM | 12 | 0 | 19.02 | 19.13 | 18.86 | | | | |
| 5 | 256QAM | 12 | 7 | 18.92 | 18.99 | 18.99 | 19.7 | 0 | | |
| 5 | 256QAM | 12 | 13 | 18.95 | 18.77 | 18.89 | | | | |
| 5 | 256QAM | 25 | 0 | 19.02 | 19.05 | 18.91 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 19.08 | 19.02 | 19.14 | | | | |
| 3 | QPSK | 1 | 8 | 19.04 | 18.78 | 18.95 | 19.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 18.88 | 18.94 | 18.95 | | | | |
| 3 | QPSK | 8 | 0 | 19.04 | 19.10 | 18.93 | | | | |
| 3 | QPSK | 8 | 4 | 18.83 | 18.13 | 19.00 | 19.7 | 0 | | |
| 3 | QPSK | 8 | 7 | 19.14 | 18.87 | 18.97 | | | | |
| 3 | QPSK | 15 | 0 | 18.83 | 18.88 | 19.08 | | | | |
| 3 | 16QAM | 1 | 0 | 18.84 | 19.01 | 19.04 | 19.7 | 0 | | |
| 3 | 16QAM | 1 | 8 | 18.71 | 18.92 | 18.88 | | | | |
| 3 | 16QAM | 1 | 14 | 18.71 | 18.95 | 18.85 | | | | |
| 3 | 16QAM | 8 | 0 | 18.95 | 18.89 | 18.84 | 19.7 | 0 | | |
| 3 | 16QAM | 8 | 4 | 18.67 | 18.92 | 18.71 | | | | |
| 3 | 16QAM | 8 | 7 | 18.79 | 19.09 | 19.03 | | | | |
| 3 | 16QAM | 15 | 0 | 19.03 | 19.07 | 18.94 | | | | |
| 3 | 64QAM | 1 | 0 | 19.10 | 18.83 | 19.04 | 19.7 | 0 | | |
| 3 | 64QAM | 1 | 8 | 18.74 | 19.09 | 19.12 | | | | |
| 3 | 64QAM | 1 | 14 | 18.67 | 18.74 | 18.90 | | | | |
| 3 | 64QAM | 8 | 0 | 18.92 | 19.21 | 18.94 | | | | |
| 3 | 64QAM | 8 | 4 | 18.86 | 18.96 | 18.79 | 19.7 | 0 | | |
| 3 | 64QAM | 8 | 7 | 19.10 | 18.96 | 18.91 | | | | |



| Band 38 Ant4 DS13 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 19.95 | 20.20 | 19.89 | 20.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 19.70 | 19.83 | 19.87 | | | | |
| 20 | QPSK | 1 | 99 | 19.77 | 19.83 | 19.89 | 20.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 20.08 | 20.13 | 20.10 | | | | |
| 20 | QPSK | 50 | 24 | 19.77 | 20.09 | 19.96 | 20.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 20.03 | 19.82 | 19.85 | | | | |
| 20 | QPSK | 100 | 0 | 19.95 | 20.01 | 19.80 | 20.7 | 0 | | |
| 20 | QPSK | 1 | 0 | 19.89 | 19.94 | 19.96 | | | | |
| 20 | 16QAM | 1 | 49 | 19.57 | 20.05 | 19.88 | 20.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.89 | 19.98 | 19.84 | | | | |
| 20 | 16QAM | 50 | 0 | 19.79 | 19.79 | 19.80 | 20.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 19.78 | 19.83 | 19.86 | | | | |
| 20 | 16QAM | 50 | 50 | 19.61 | 20.02 | 19.71 | 20.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.80 | 20.09 | 19.84 | | | | |
| 20 | 64QAM | 1 | 0 | 19.77 | 20.06 | 19.83 | 20.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 19.87 | 20.02 | 20.04 | | | | |
| 20 | 64QAM | 1 | 99 | 19.73 | 19.94 | 19.86 | 20.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 19.94 | 19.91 | 19.80 | | | | |
| 20 | 64QAM | 50 | 24 | 19.78 | 19.72 | 19.70 | 20.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 19.97 | 19.97 | 19.88 | | | | |
| 20 | 64QAM | 100 | 0 | 19.88 | 19.89 | 20.00 | 19.7 | 1 | | |
| 20 | 256QAM | 1 | 0 | 18.83 | 18.89 | 18.89 | | | | |
| 20 | 256QAM | 1 | 49 | 18.77 | 18.79 | 18.91 | 19.7 | 1 | | |
| 20 | 256QAM | 1 | 99 | 18.74 | 18.91 | 18.89 | | | | |
| 20 | 256QAM | 50 | 0 | 18.80 | 18.87 | 18.77 | 19.7 | 1 | | |
| 20 | 256QAM | 50 | 24 | 18.75 | 18.80 | 18.69 | | | | |
| 20 | 256QAM | 50 | 50 | 18.69 | 18.76 | 18.81 | 19.7 | 1 | | |
| 20 | 256QAM | 100 | 0 | 18.70 | 19.06 | 18.80 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.91 | 19.85 | 19.74 | 20.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 19.73 | 19.72 | 19.64 | | | | |
| 15 | QPSK | 1 | 74 | 19.77 | 19.62 | 19.90 | 20.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 19.57 | 19.84 | 19.88 | | | | |
| 15 | QPSK | 36 | 20 | 19.80 | 19.99 | 19.91 | 20.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.97 | 19.77 | 19.73 | | | | |
| 15 | QPSK | 75 | 0 | 19.83 | 19.80 | 19.75 | 20.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 19.93 | 19.69 | 19.73 | | | | |
| 15 | 16QAM | 1 | 37 | 19.56 | 20.05 | 19.79 | 20.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.88 | 19.79 | 19.68 | | | | |
| 15 | 16QAM | 36 | 0 | 19.84 | 19.57 | 19.86 | 20.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 19.82 | 19.60 | 19.69 | | | | |
| 15 | 16QAM | 36 | 39 | 19.59 | 20.07 | 19.73 | 20.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 19.76 | 20.11 | 19.66 | | | | |
| 15 | 64QAM | 1 | 0 | 19.65 | 19.87 | 19.81 | 20.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 19.69 | 19.97 | 19.92 | | | | |
| 15 | 64QAM | 1 | 74 | 19.50 | 19.98 | 19.79 | 20.7 | 0 | | |
| 15 | 64QAM | 36 | 0 | 19.78 | 19.73 | 19.85 | | | | |
| 15 | 64QAM | 36 | 20 | 19.75 | 19.67 | 19.66 | 20.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 19.74 | 19.88 | 19.71 | | | | |
| 15 | 64QAM | 75 | 0 | 19.65 | 19.81 | 19.76 | 19.7 | 1 | | |
| 15 | 256QAM | 1 | 0 | 18.76 | 18.76 | 18.67 | | | | |
| 15 | 256QAM | 1 | 37 | 18.61 | 18.64 | 18.88 | 19.7 | 1 | | |
| 15 | 256QAM | 1 | 74 | 18.53 | 18.73 | 18.88 | | | | |
| 15 | 256QAM | 36 | 0 | 18.78 | 18.77 | 18.80 | 19.7 | 1 | | |
| 15 | 256QAM | 36 | 20 | 18.74 | 18.81 | 18.49 | | | | |
| 15 | 256QAM | 36 | 39 | 18.59 | 19.77 | 18.71 | 19.7 | 1 | | |
| 15 | 256QAM | 75 | 0 | 18.70 | 19.01 | 18.68 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.98 | 19.95 | 19.94 | 20.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 19.48 | 19.84 | 19.68 | | | | |
| 10 | QPSK | 1 | 49 | 19.67 | 19.60 | 19.76 | 20.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 19.78 | 19.88 | 19.93 | | | | |
| 10 | QPSK | 25 | 12 | 19.70 | 19.94 | 19.89 | 20.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 19.83 | 19.86 | 19.66 | | | | |
| 10 | QPSK | 50 | 0 | 19.76 | 19.80 | 19.85 | 20.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 19.82 | 19.63 | 19.82 | | | | |
| 10 | 16QAM | 1 | 25 | 19.60 | 19.87 | 19.73 | 20.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 19.66 | 20.03 | 19.87 | | | | |
| 10 | 16QAM | 25 | 0 | 19.68 | 19.67 | 19.83 | 20.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 19.81 | 19.84 | 19.92 | | | | |
| 10 | 16QAM | 25 | 25 | 19.59 | 19.79 | 19.48 | 20.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 19.77 | 20.03 | 19.67 | | | | |
| 10 | 64QAM | 1 | 0 | 19.66 | 20.10 | 19.65 | 20.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 19.68 | 19.88 | 20.09 | | | | |
| 10 | 64QAM | 1 | 49 | 19.74 | 19.92 | 19.75 | 20.7 | 0 | | |
| 10 | 64QAM | 25 | 0 | 19.85 | 19.69 | 19.68 | | | | |
| 10 | 64QAM | 25 | 12 | 19.57 | 19.58 | 19.65 | 20.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.90 | 19.90 | 19.79 | | | | |
| 10 | 64QAM | 50 | 0 | 19.82 | 19.73 | 19.92 | 19.7 | 1 | | |
| 10 | 256QAM | 1 | 0 | 18.62 | 18.72 | 18.66 | | | | |
| 10 | 256QAM | 1 | 25 | 18.75 | 18.58 | 18.90 | 19.7 | 1 | | |
| 10 | 256QAM | 1 | 49 | 18.51 | 18.88 | 18.66 | | | | |
| 10 | 256QAM | 25 | 0 | 18.85 | 18.82 | 18.69 | 19.7 | 1 | | |
| 10 | 256QAM | 25 | 12 | 18.57 | 18.67 | 18.60 | | | | |
| 10 | 256QAM | 25 | 25 | 18.64 | 18.64 | 18.74 | 19.7 | 1 | | |
| 10 | 256QAM | 50 | 0 | 18.61 | 19.05 | 18.79 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.82 | 19.88 | 19.70 | 20.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 19.61 | 19.69 | 19.83 | | | | |
| 5 | QPSK | 1 | 24 | 19.67 | 19.46 | 19.95 | 20.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 19.80 | 19.79 | 19.85 | | | | |
| 5 | QPSK | 12 | 7 | 19.62 | 19.96 | 19.85 | 20.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 19.84 | 19.62 | 19.90 | | | | |
| 5 | QPSK | 25 | 0 | 19.82 | 19.84 | 19.85 | 20.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.78 | 19.65 | 19.88 | | | | |
| 5 | 16QAM | 1 | 12 | 19.54 | 19.84 | 19.87 | 20.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.91 | 19.84 | 19.85 | | | | |
| 5 | 16QAM | 12 | 0 | 19.66 | 19.71 | 19.67 | 20.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 19.70 | 19.84 | 19.82 | | | | |
| 5 | 16QAM | 12 | 13 | 19.49 | 19.87 | 19.51 | 20.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.79 | 20.01 | 19.74 | | | | |
| 5 | 64QAM | 1 | 0 | 19.65 | 19.89 | 19.75 | 20.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 19.69 | 19.99 | 19.94 | | | | |
| 5 | 64QAM | 1 | 24 | 19.60 | 19.82 | 19.78 | 20.7 | 0 | | |
| 5 | 64QAM | 12 | 0 | 19.75 | 19.69 | 19.67 | | | | |
| 5 | 64QAM | 12 | 7 | 19.58 | 19.64 | 19.69 | 20.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 19.73 | 19.90 | 19.65 | | | | |
| 5 | 64QAM | 25 | 0 | 19.83 | 19.68 | 19.96 | 19.7 | 1 | | |
| 5 | 256QAM | 1 | 0 | 18.84 | 18.85 | 18.93 | | | | |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.59 | 18.69 | 19.7 | 1 | | |
| 5 | 256QAM | 1 | 24 | 18.61 | 18.86 | 18.74 | | | | |
| 5 | 256QAM | 12 | 0 | 18.87 | 18.77 | 18.64 | 19.7 | 1 | | |
| 5 | 256QAM | 12 | 7 | 18.55 | 18.74 | 18.50 | | | | |
| 5 | 256QAM | 12 | 13 | 18.65 | 18.82 | 18.76 | 19.7 | 1 | | |
| 5 | 256QAM | 25 | 0 | 18.75 | 19.04 | 18.61 | | | | |

| Band 41 Ant4 DS13 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 19.38 | 19.40 | 19.73 | 19.42 | 19.36 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 19.48 | 19.50 | 19.38 | 19.37 | 19.39 | | |
| 20 | QPSK | 1 | 99 | 19.36 | 19.49 | 19.35 | 19.57 | 19.40 | 20.2 | 0 |
| 20 | QPSK | 50 | 0 | 19.55 | 19.50 | 19.64 | 19.53 | 19.45 | | |
| 20 | QPSK | 50 | 24 | 19.37 | 19.36 | 19.50 | 19.37 | 19.42 | 20.2 | 0 |
| 20 | QPSK | 50 | 50 | 19.39 | 19.49 | 19.63 | 19.32 | 19.40 | | |
| 20 | QPSK | 100 | 0 | 19.46 | 19.48 | 19.59 | 19.39 | 19.51 | 20.2 | 0 |
| 20 | 16QAM | 1 | 0 | 19.23 | 19.49 | 19.26 | 19.57 | 19.32 | | |
| 20 | 16QAM | 1 | 49 | 19.41 | 19.50 | 19.43 | 19.49 | 19.37 | 20.2 | 0 |
| 20 | 16QAM | 1 | 99 | 19.38 | 19.35 | 19.41 | 19.55 | 19.48 | | |
| 20 | 16QAM | 50 | 0 | 19.42 | 19.40 | 19.50 | 19.45 | 19.54 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 19.49 | 19.22 | 19.25 | 19.34 | 19.22 | | |
| 20 | 16QAM | 50 | 50 | 19.34 | 19.33 | 19.36 | 19.18</ | | | |



Reduced Power Mode for WWAN for DBS 5

| GSM850 A-60 Default | | | | | | | | |
|---------------------|---------------------------|-------|-------|---------|---------------------------|-------|---------|-------|
| QRM850 | Burst Average Power (dBm) | | | Turn-up | Frame Average Power (dBm) | | Turn-up | |
| Tx Channel | 181.2 | 181.2 | 181.2 | Limit | 181.2 | 181.2 | 181.2 | |
| Frequency (MHz) | 814.2 | 814.4 | 814.8 | (dBm) | 814.2 | 814.4 | 814.8 | |
| DMR 1 Tx Wd | 32.81 | 32.86 | 32.92 | 34.00 | 23.81 | 23.86 | 23.92 | 25.00 |
| GPRS 1 Tx Wd | 23.80 | 23.85 | 23.90 | 34.00 | 23.80 | 23.85 | 23.90 | 25.00 |
| GPRS 2 Tx Wd | 23.93 | 23.98 | 24.03 | 31.00 | 23.93 | 23.98 | 24.03 | 25.00 |
| GPRS 3 Tx Wd | 23.11 | 23.13 | 23.14 | 29.00 | 23.05 | 23.07 | 23.10 | 24.04 |
| GPRS 4 Tx Wd | 27.05 | 27.11 | 26.94 | 28.00 | 24.05 | 24.11 | 23.94 | 25.00 |
| EDGE 1 Tx Wd | 23.12 | 23.09 | 23.19 | 24.00 | 17.72 | 17.68 | 17.79 | 18.00 |
| EDGE 2 Tx Wd | 23.77 | 23.65 | 23.67 | 25.00 | 17.77 | 17.65 | 17.67 | 18.00 |
| EDGE 3 Tx Wd | 21.92 | 22.06 | 21.90 | 23.00 | 17.66 | 17.80 | 17.73 | 18.04 |
| EDGE 4 Tx Wd | 20.66 | 20.79 | 20.72 | 22.00 | 17.66 | 17.79 | 17.72 | 18.00 |

| WCDMA V-A-60 Default | | | | | | | |
|----------------------|--------------------|-------|-------|---------|-------------|-------|---------|
| Band | Pilot Power | | | Turn-up | Pilot Power | | Turn-up |
| Tx Channel | 4152 | 4150 | 4033 | Limit | 4152 | 4150 | 4033 |
| Frequency (MHz) | 816.4 | 816.4 | 816.4 | (dBm) | 816.4 | 816.4 | 816.4 |
| SCPP P-699 | AMP 12 Default | 24.03 | 24.11 | 24.10 | 25.00 | | |
| SCPP P-699 | HS-DS-SS Subcar-1 | 23.02 | 23.03 | 23.11 | 25.00 | | |
| SCPP P-699 | HS-DS-SS Subcar-2 | 23.03 | 23.08 | 22.90 | 25.00 | | |
| SCPP P-699 | HS-DS-SS Subcar-3 | 23.05 | 23.15 | 22.92 | 25.00 | | |
| SCPP P-699 | HS-DS-SS Subcar-4 | 22.92 | 22.95 | 22.93 | 24.00 | | |
| SCPP P-699 | HS-DS-SS Subcar-5 | 22.59 | 22.51 | 22.48 | 24.00 | | |
| SCPP P-699 | DCH-DS-SS Subcar-1 | 23.93 | 23.99 | 23.92 | 24.00 | | |
| SCPP P-699 | DCH-DS-SS Subcar-2 | 23.06 | 23.08 | 22.94 | 24.00 | | |
| SCPP P-699 | DCH-DS-SS Subcar-3 | 22.67 | 22.67 | 22.46 | 23.00 | | |
| SCPP P-699 | DCH-DS-SS Subcar-4 | 22.61 | 22.59 | 22.57 | 23.00 | | |
| SCPP P-699 | HS-PA Subcar-1 | 23.11 | 23.03 | 23.11 | 24.00 | | |
| SCPP P-699 | HS-PA Subcar-2 | 23.06 | 23.06 | 23.06 | 22.00 | | |
| SCPP P-699 | HS-PA Subcar-3 | 22.16 | 22.13 | 21.94 | 23.00 | | |
| SCPP P-699 | HS-PA Subcar-4 | 21.13 | 21.04 | 20.90 | 22.00 | | |
| SCPP P-699 | HS-PA Subcar-5 | 23.15 | 23.11 | 23.15 | 24.00 | | |
| SCPP P-699 | HS-PA Subcar-6 | 20.89 | 20.87 | 20.83 | 21.00 | | |



| Band 5 Ant0 Default | | | | | | | | | |
|---------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Mid Ch / Freq. | Power High Ch / Freq. | Time-up limit (min) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 820 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.40 | 24.40 | | | |
| 10 | QPSK | 1 | 25 | 24.37 | 24.39 | 24.39 | 25.5 | 0 | |
| 10 | QPSK | 1 | 49 | 24.21 | 24.34 | 24.28 | | | |
| 10 | QPSK | 25 | 0 | 24.37 | 24.47 | 24.43 | | | |
| 10 | QPSK | 25 | 12 | 24.62 | 24.42 | 24.42 | 25.5 | 0 | |
| 10 | QPSK | 25 | 25 | 24.41 | 24.44 | 24.39 | | | |
| 10 | QPSK | 50 | 0 | 24.29 | 24.45 | 24.41 | | | |
| 10 | 16QAM | 1 | 0 | 24.34 | 24.48 | 24.38 | | | |
| 10 | 16QAM | 1 | 25 | 24.35 | 24.43 | 24.35 | 25.5 | 0 | |
| 10 | 16QAM | 1 | 49 | 24.42 | 24.33 | 24.23 | | | |
| 10 | 16QAM | 25 | 0 | 23.39 | 23.47 | 23.42 | | | |
| 10 | 16QAM | 25 | 12 | 23.40 | 23.37 | 23.40 | 24.5 | 1 | |
| 10 | 16QAM | 25 | 25 | 23.42 | 23.37 | 23.40 | | | |
| 10 | 16QAM | 50 | 0 | 23.38 | 23.49 | 23.29 | | | |
| 10 | 64QAM | 1 | 0 | 23.62 | 23.56 | 23.46 | | | |
| 10 | 64QAM | 1 | 25 | 23.63 | 23.47 | 23.44 | 24.5 | 1 | |
| 10 | 64QAM | 1 | 49 | 23.67 | 23.43 | 23.29 | | | |
| 10 | 64QAM | 25 | 0 | 22.34 | 22.46 | 22.37 | | | |
| 10 | 64QAM | 25 | 12 | 22.33 | 22.32 | 22.36 | | | |
| 10 | 64QAM | 25 | 25 | 22.38 | 22.37 | 22.38 | 23.5 | 2 | |
| 10 | 64QAM | 50 | 0 | 22.43 | 22.48 | 22.41 | | | |
| 10 | 256QAM | 1 | 0 | 19.38 | 19.47 | 19.42 | | | |
| 10 | 256QAM | 1 | 25 | 19.40 | 19.48 | 19.48 | 20.5 | 5 | |
| 10 | 256QAM | 1 | 49 | 19.39 | 19.39 | 19.39 | | | |
| 10 | 256QAM | 25 | 0 | 19.32 | 19.40 | 19.38 | | | |
| 10 | 256QAM | 25 | 12 | 19.33 | 19.31 | 19.37 | 20.5 | 5 | |
| 10 | 256QAM | 25 | 25 | 19.28 | 19.24 | 19.27 | | | |
| 10 | 256QAM | 50 | 0 | 19.43 | 19.48 | 19.34 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 856.5 | 858.5 | 868.5 | | | |
| 5 | QPSK | 1 | 0 | 24.39 | 24.37 | 24.24 | | | |
| 5 | QPSK | 1 | 12 | 24.25 | 24.26 | 24.27 | 25.5 | 0 | |
| 5 | QPSK | 1 | 24 | 24.08 | 24.22 | 24.12 | | | |
| 5 | QPSK | 12 | 0 | 24.34 | 24.40 | 24.20 | | | |
| 5 | QPSK | 12 | 7 | 24.33 | 24.39 | 24.32 | 25.5 | 0 | |
| 5 | QPSK | 12 | 13 | 24.38 | 24.39 | 24.38 | | | |
| 5 | QPSK | 25 | 0 | 24.26 | 24.30 | 24.26 | | | |
| 5 | 16QAM | 1 | 0 | 24.23 | 24.37 | 24.20 | | | |
| 5 | 16QAM | 1 | 12 | 24.21 | 24.33 | 24.28 | 25.5 | 0 | |
| 5 | 16QAM | 1 | 24 | 24.33 | 24.19 | 24.24 | | | |
| 5 | 16QAM | 12 | 0 | 23.30 | 23.33 | 23.35 | | | |
| 5 | 16QAM | 12 | 7 | 23.35 | 23.34 | 23.34 | 24.5 | 1 | |
| 5 | 16QAM | 12 | 13 | 23.29 | 23.35 | 23.29 | | | |
| 5 | 16QAM | 25 | 0 | 23.34 | 23.30 | 23.30 | | | |
| 5 | 64QAM | 1 | 0 | 23.43 | 23.52 | 23.34 | 24.5 | 1 | |
| 5 | 64QAM | 1 | 12 | 23.39 | 23.34 | 23.29 | | | |
| 5 | 64QAM | 1 | 24 | 23.37 | 23.35 | 23.48 | | | |
| 5 | 64QAM | 12 | 0 | 22.32 | 22.39 | 22.23 | | | |
| 5 | 64QAM | 12 | 7 | 22.33 | 22.33 | 22.38 | 23.5 | 2 | |
| 5 | 64QAM | 12 | 13 | 22.31 | 22.33 | 22.23 | | | |
| 5 | 64QAM | 25 | 0 | 22.30 | 22.42 | 22.38 | | | |
| 5 | 256QAM | 1 | 0 | 19.34 | 19.40 | 19.31 | | | |
| 5 | 256QAM | 1 | 12 | 19.30 | 19.38 | 19.30 | 20.5 | 5 | |
| 5 | 256QAM | 1 | 24 | 19.35 | 19.24 | 19.28 | | | |
| 5 | 256QAM | 12 | 0 | 19.28 | 19.26 | 19.24 | | | |
| 5 | 256QAM | 12 | 7 | 19.29 | 19.15 | 19.35 | 20.5 | 5 | |
| 5 | 256QAM | 12 | 13 | 19.24 | 19.21 | 19.13 | | | |
| 5 | 256QAM | 25 | 0 | 19.38 | 19.38 | 19.25 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 892.5 | 898.5 | 908.5 | | | |
| 3 | QPSK | 1 | 0 | 24.09 | 24.45 | 24.20 | | | |
| 3 | QPSK | 1 | 8 | 24.32 | 24.28 | 24.21 | 25.5 | 0 | |
| 3 | QPSK | 1 | 14 | 24.13 | 24.20 | 24.11 | | | |
| 3 | QPSK | 8 | 0 | 24.31 | 24.41 | 24.29 | | | |
| 3 | QPSK | 8 | 4 | 24.40 | 24.38 | 24.40 | 25.5 | 0 | |
| 3 | QPSK | 8 | 7 | 24.33 | 24.29 | 24.30 | | | |
| 3 | QPSK | 16 | 0 | 24.20 | 24.35 | 24.28 | | | |
| 3 | 16QAM | 1 | 0 | 24.21 | 24.30 | 24.31 | 25.5 | 0 | |
| 3 | 16QAM | 1 | 8 | 24.29 | 24.30 | 24.28 | | | |
| 3 | 16QAM | 1 | 14 | 24.36 | 24.28 | 24.24 | | | |
| 3 | 16QAM | 8 | 0 | 23.39 | 23.41 | 23.29 | | | |
| 3 | 16QAM | 8 | 4 | 23.29 | 23.32 | 23.25 | 24.5 | 1 | |
| 3 | 16QAM | 8 | 7 | 23.33 | 23.29 | 23.38 | | | |
| 3 | 16QAM | 16 | 0 | 23.31 | 23.30 | 23.24 | | | |
| 3 | 64QAM | 1 | 0 | 23.44 | 23.45 | 23.32 | 24.5 | 1 | |
| 3 | 64QAM | 1 | 8 | 23.41 | 23.34 | 23.28 | | | |
| 3 | 64QAM | 1 | 14 | 23.32 | 23.33 | 23.44 | | | |
| 3 | 64QAM | 8 | 0 | 22.25 | 22.40 | 22.25 | | | |
| 3 | 64QAM | 8 | 4 | 22.25 | 22.29 | 22.21 | 23.5 | 2 | |
| 3 | 64QAM | 8 | 7 | 22.30 | 22.27 | 22.29 | | | |
| 3 | 64QAM | 16 | 0 | 22.32 | 22.44 | 22.34 | | | |
| 3 | 256QAM | 1 | 0 | 19.25 | 19.37 | 19.21 | | | |
| 3 | 256QAM | 1 | 8 | 19.27 | 19.43 | 19.43 | 20.5 | 5 | |
| 3 | 256QAM | 1 | 14 | 19.30 | 19.38 | 19.29 | | | |
| 3 | 256QAM | 8 | 0 | 19.29 | 19.25 | 19.24 | | | |
| 3 | 256QAM | 8 | 4 | 19.28 | 19.17 | 19.32 | 20.5 | 5 | |
| 3 | 256QAM | 8 | 7 | 19.15 | 19.08 | 19.14 | | | |
| 3 | 256QAM | 16 | 0 | 19.29 | 19.33 | 19.23 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 928.7 | 938.5 | 948.3 | | | |
| 1.4 | QPSK | 1 | 0 | 24.39 | 24.44 | 24.24 | | | |
| 1.4 | QPSK | 1 | 3 | 24.22 | 24.25 | 24.30 | 25.5 | 0 | |
| 1.4 | QPSK | 1 | 5 | 24.18 | 24.31 | 24.07 | | | |
| 1.4 | QPSK | 3 | 0 | 24.33 | 24.36 | 24.26 | | | |
| 1.4 | QPSK | 3 | 1 | 24.39 | 24.30 | 24.30 | | | |
| 1.4 | QPSK | 3 | 3 | 24.28 | 24.30 | 24.34 | 25.5 | 0 | |
| 1.4 | QPSK | 6 | 0 | 24.16 | 24.31 | 24.26 | | | |
| 1.4 | 16QAM | 1 | 0 | 24.29 | 24.35 | 24.25 | | | |
| 1.4 | 16QAM | 1 | 3 | 24.25 | 24.40 | 24.32 | 25.5 | 0 | |
| 1.4 | 16QAM | 1 | 5 | 24.35 | 24.18 | 24.24 | | | |
| 1.4 | 16QAM | 3 | 0 | 24.25 | 24.43 | 24.38 | | | |
| 1.4 | 16QAM | 3 | 1 | 24.35 | 24.32 | 24.37 | | | |
| 1.4 | 16QAM | 3 | 3 | 24.27 | 24.33 | 24.24 | | | |
| 1.4 | 16QAM | 6 | 0 | 23.32 | 23.39 | 23.29 | 24.5 | 1 | |
| 1.4 | 16QAM | 1 | 0 | 23.49 | 23.41 | 23.35 | | | |
| 1.4 | 16QAM | 1 | 3 | 23.45 | 23.43 | 23.33 | | | |
| 1.4 | 16QAM | 1 | 5 | 23.38 | 23.40 | 23.41 | 24.5 | 1 | |
| 1.4 | 16QAM | 3 | 0 | 23.29 | 23.37 | 23.29 | | | |
| 1.4 | 16QAM | 3 | 1 | 23.19 | 23.18 | 23.33 | | | |
| 1.4 | 16QAM | 3 | 3 | 23.35 | 23.25 | 23.28 | | | |
| 1.4 | 16QAM | 6 | 0 | 22.37 | 22.38 | 22.26 | 23.5 | 2 | |
| 1.4 | 256QAM | 1 | 0 | 19.31 | 19.46 | 19.39 | | | |
| 1.4 | 256QAM | 1 | 3 | 19.38 | 19.41 | 19.41 | 20.5 | 5 | |
| 1.4 | 256QAM | 1 | 5 | 19.35 | 19.30 | 19.34 | | | |
| 1.4 | 256QAM | 3 | 0 | 19.19 | 19.29 | 19.34 | | | |
| 1.4 | 256QAM | 3 | 1 | 19.23 | 19.22 | 19.34 | | | |
| 1.4 | 256QAM | 3 | 3 | 19.16 | 19.09 | 19.16 | 20.5 | 5 | |
| 1.4 | 256QAM | 6 | 0 | 19.32 | 19.32 | 19.19 | | | |



GBM50 Airt DBS

| DBS50 | Best Average Power (dBm) | | | Turn-up Limit | Frame Coverage Power (dBm) | | | Turn-up Limit |
|-----------------|--------------------------|-------|-------|---------------|----------------------------|-------|-------|---------------|
| | 190 | 196 | 201 | | 190 | 196 | 201 | |
| TX Channel | 82.2 | 81.4 | 84.8 | (dBm) | 14.2 | 16.4 | 16.8 | (dBm) |
| Frequency (MHz) | 32.2 | 31.4 | 34.8 | | 14.2 | 16.4 | 16.8 | |
| OPRS 1 Tx Watt | 30.97 | 30.04 | 30.92 | 32.00 | 21.97 | 21.94 | 21.92 | 23.00 |
| OPRS 2 Tx Watt | 28.02 | 27.00 | 27.00 | 29.00 | 22.02 | 21.99 | 21.95 | 23.00 |
| OPRS 3 Tx Watt | 28.93 | 28.04 | 28.29 | 27.00 | 22.07 | 21.98 | 22.05 | 22.94 |
| OPRS 4 Tx Watt | 24.86 | 24.85 | 24.81 | 26.00 | 21.86 | 21.89 | 21.81 | 23.00 |
| EDGE 1 Tx Watt | 25.02 | 25.00 | 24.43 | 26.00 | 17.02 | 17.00 | 17.43 | 18.00 |
| EDGE 2 Tx Watt | 23.83 | 23.89 | 23.59 | 25.00 | 17.83 | 17.89 | 17.59 | 18.00 |
| EDGE 3 Tx Watt | 21.84 | 21.80 | 21.78 | 23.00 | 17.84 | 17.80 | 17.78 | 18.00 |
| EDGE 4 Tx Watt | 20.32 | 20.37 | 20.48 | 22.00 | 17.32 | 17.37 | 17.48 | 18.00 |

WCDMA V Airt DBS

| Best | WCDMA V | | | Turn-up Limit |
|--------------------------------|---------|-------|-------|---------------|
| | 4192 | 4182 | 4233 | |
| TX Channel | 4307 | 4407 | 4458 | (dBm) |
| Frequency (MHz) | 461.4 | 456.4 | 461.8 | |
| 3GPP Rel 99 AMR 12.2kps | 22.10 | 22.07 | 22.07 | 23.00 |
| 3GPP Rel 99 AMR 10.2kps | 22.20 | 22.20 | 22.00 | 23.00 |
| 3GPP Rel 8 HSPA Subnet 1 | 21.05 | 21.04 | 21.08 | 22.00 |
| 3GPP Rel 8 HSPA Subnet 2 | 21.12 | 21.20 | 21.02 | 22.00 |
| 3GPP Rel 8 HSPA Subnet 3 | 20.05 | 20.00 | 20.73 | 22.00 |
| 3GPP Rel 8 HSPA Subnet 4 | 20.77 | 20.71 | 20.84 | 22.00 |
| 3GPP Rel 8 DC-HSPA Subnet 1 | 21.18 | 21.20 | 21.20 | 22.00 |
| 3GPP Rel 8 DC-HSPA Subnet 2 | 21.15 | 21.20 | 21.18 | 22.00 |
| 3GPP Rel 8 DC-HSPA Subnet 3 | 20.82 | 20.05 | 20.71 | 22.00 |
| 3GPP Rel 8 DC-HSPA Subnet 4 | 20.67 | 20.74 | 20.60 | 22.00 |
| 3GPP Rel 8 HSPA Subnet 1 | 21.07 | 21.00 | 21.08 | 22.00 |
| 3GPP Rel 8 HSPA Subnet 2 | 19.34 | 19.00 | 19.20 | 20.00 |
| 3GPP Rel 8 HSPA Subnet 3 | 20.20 | 20.20 | 20.13 | 21.00 |
| 3GPP Rel 8 HSPA Subnet 4 | 19.21 | 19.27 | 19.16 | 20.00 |
| 3GPP Rel 8 HSPA Subnet 5 | 21.25 | 21.25 | 21.31 | 22.00 |
| 3GPP Rel 7 HSPA VCDMA Subnet 1 | 18.69 | 18.70 | 18.73 | 20.00 |



Band 5 Ant1 DSI5

| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Mid Ch. / Freq. | Power High Ch. / Freq. | Time-up limit (dB) | MPE (dB) | | |
|-----------------|------------|---------|-----------|-----------------------|-----------------------|------------------------|--------------------|----------|--|--|
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.79 | 22.93 | 22.73 | 24.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 22.77 | 22.83 | 22.68 | | | | |
| 10 | QPSK | 1 | 49 | 22.85 | 22.81 | 22.68 | | | | |
| 10 | QPSK | 25 | 0 | 22.66 | 22.70 | 22.69 | 24.2 | 0 | | |
| 10 | QPSK | 25 | 12 | 22.68 | 22.68 | 22.68 | | | | |
| 10 | QPSK | 25 | 25 | 22.58 | 22.68 | 22.63 | | | | |
| 10 | QPSK | 50 | 0 | 22.63 | 22.87 | 22.75 | 24.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 22.68 | 22.81 | 22.71 | | | | |
| 10 | 16QAM | 1 | 25 | 22.73 | 22.81 | 22.81 | | | | |
| 10 | 16QAM | 1 | 49 | 22.68 | 22.77 | 22.82 | 24.2 | 0 | | |
| 10 | 16QAM | 25 | 0 | 22.59 | 22.69 | 22.74 | | | | |
| 10 | 16QAM | 25 | 12 | 22.66 | 22.74 | 22.58 | | | | |
| 10 | 16QAM | 25 | 25 | 22.69 | 22.88 | 22.81 | 23.7 | 0.5 | | |
| 10 | 16QAM | 50 | 0 | 22.73 | 22.86 | 22.75 | | | | |
| 10 | 64QAM | 1 | 0 | 22.76 | 22.82 | 22.75 | | | | |
| 10 | 64QAM | 1 | 25 | 22.81 | 22.76 | 22.76 | 24.2 | 0 | | |
| 10 | 64QAM | 1 | 49 | 22.78 | 22.83 | 22.77 | | | | |
| 10 | 64QAM | 25 | 0 | 22.11 | 22.26 | 22.20 | | | | |
| 10 | 64QAM | 25 | 12 | 22.11 | 22.11 | 22.13 | 23.7 | 0.5 | | |
| 10 | 64QAM | 25 | 25 | 22.11 | 22.11 | 22.23 | | | | |
| 10 | 64QAM | 50 | 0 | 22.20 | 22.35 | 22.28 | | | | |
| 10 | 256QAM | 1 | 0 | 19.07 | 19.07 | 19.08 | 20.7 | 3.5 | | |
| 10 | 256QAM | 1 | 25 | 19.22 | 19.32 | 19.32 | | | | |
| 10 | 256QAM | 1 | 49 | 19.25 | 19.23 | 19.25 | | | | |
| 10 | 256QAM | 25 | 0 | 19.17 | 19.28 | 19.15 | 20.7 | 3.5 | | |
| 10 | 256QAM | 25 | 12 | 19.20 | 19.23 | 19.23 | | | | |
| 10 | 256QAM | 25 | 25 | 19.15 | 19.23 | 19.17 | | | | |
| 10 | 256QAM | 50 | 0 | 19.20 | 19.30 | 19.22 | 20.7 | 3.5 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.65 | 22.84 | 22.68 | 24.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 22.66 | 22.86 | 22.43 | | | | |
| 5 | QPSK | 1 | 24 | 22.58 | 22.77 | 22.48 | | | | |
| 5 | QPSK | 12 | 0 | 22.52 | 22.60 | 22.61 | 24.2 | 0 | | |
| 5 | QPSK | 12 | 7 | 22.50 | 22.65 | 22.65 | | | | |
| 5 | QPSK | 12 | 13 | 22.44 | 22.52 | 22.62 | | | | |
| 5 | QPSK | 25 | 0 | 22.44 | 22.74 | 22.66 | 24.2 | 0 | | |
| 5 | 16QAM | 1 | 0 | 22.59 | 22.84 | 22.67 | | | | |
| 5 | 16QAM | 1 | 12 | 22.68 | 22.77 | 22.80 | | | | |
| 5 | 16QAM | 1 | 24 | 22.68 | 22.58 | 22.72 | 24.2 | 0 | | |
| 5 | 16QAM | 12 | 0 | 22.42 | 22.96 | 22.57 | | | | |
| 5 | 16QAM | 12 | 7 | 22.53 | 22.75 | 22.40 | | | | |
| 5 | 16QAM | 12 | 13 | 22.68 | 22.46 | 22.54 | 24.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 22.84 | 22.71 | 22.58 | | | | |
| 5 | 64QAM | 1 | 0 | 22.71 | 22.88 | 22.73 | | | | |
| 5 | 64QAM | 1 | 12 | 22.74 | 22.77 | 22.68 | 24.2 | 0 | | |
| 5 | 64QAM | 1 | 24 | 22.53 | 22.90 | 22.57 | | | | |
| 5 | 64QAM | 12 | 0 | 21.95 | 22.19 | 22.14 | | | | |
| 5 | 64QAM | 12 | 7 | 21.98 | 22.02 | 22.08 | 23.7 | 0.5 | | |
| 5 | 64QAM | 12 | 13 | 22.05 | 22.02 | 22.17 | | | | |
| 5 | 64QAM | 25 | 0 | 22.12 | 22.27 | 22.13 | | | | |
| 5 | 256QAM | 1 | 0 | 19.22 | 19.34 | 19.18 | 20.7 | 3.5 | | |
| 5 | 256QAM | 1 | 12 | 19.13 | 19.30 | 19.20 | | | | |
| 5 | 256QAM | 1 | 24 | 19.18 | 19.14 | 19.16 | | | | |
| 5 | 256QAM | 12 | 0 | 19.06 | 19.16 | 19.13 | 20.7 | 3.5 | | |
| 5 | 256QAM | 12 | 7 | 19.08 | 19.14 | 19.10 | | | | |
| 5 | 256QAM | 12 | 13 | 19.07 | 19.15 | 19.02 | | | | |
| 5 | 256QAM | 25 | 0 | 19.05 | 19.15 | 19.00 | 20.7 | 3.5 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.72 | 22.69 | 22.62 | 24.2 | 0 | | |
| 3 | QPSK | 1 | 8 | 22.56 | 22.84 | 22.59 | | | | |
| 3 | QPSK | 1 | 14 | 22.44 | 22.72 | 22.50 | | | | |
| 3 | QPSK | 8 | 0 | 22.63 | 22.63 | 22.68 | 24.2 | 0 | | |
| 3 | QPSK | 8 | 4 | 22.46 | 22.52 | 22.69 | | | | |
| 3 | QPSK | 8 | 7 | 22.59 | 22.52 | 22.58 | | | | |
| 3 | QPSK | 16 | 0 | 22.41 | 22.56 | 22.75 | 24.2 | 0 | | |
| 3 | 16QAM | 1 | 0 | 22.87 | 22.62 | 22.51 | | | | |
| 3 | 16QAM | 1 | 8 | 22.62 | 22.75 | 22.83 | | | | |
| 3 | 16QAM | 1 | 14 | 22.87 | 22.72 | 22.75 | 24.2 | 0 | | |
| 3 | 16QAM | 8 | 0 | 22.45 | 22.63 | 22.74 | | | | |
| 3 | 16QAM | 8 | 4 | 22.55 | 22.66 | 22.54 | | | | |
| 3 | 16QAM | 8 | 7 | 22.66 | 22.47 | 22.43 | 23.7 | 0.5 | | |
| 3 | 16QAM | 16 | 0 | 22.70 | 22.72 | 22.55 | | | | |
| 3 | 64QAM | 1 | 0 | 22.75 | 22.89 | 22.81 | | | | |
| 3 | 64QAM | 1 | 8 | 22.82 | 22.62 | 22.85 | 24.2 | 0 | | |
| 3 | 64QAM | 1 | 14 | 22.85 | 22.86 | 22.58 | | | | |
| 3 | 64QAM | 8 | 0 | 22.05 | 22.23 | 22.18 | | | | |
| 3 | 64QAM | 8 | 4 | 21.95 | 22.06 | 22.06 | 23.7 | 0.5 | | |
| 3 | 64QAM | 8 | 7 | 22.04 | 22.04 | 22.19 | | | | |
| 3 | 64QAM | 16 | 0 | 22.09 | 22.23 | 22.20 | | | | |
| 3 | 256QAM | 1 | 0 | 19.18 | 19.21 | 19.17 | 20.7 | 3.5 | | |
| 3 | 256QAM | 1 | 8 | 19.15 | 19.26 | 19.19 | | | | |
| 3 | 256QAM | 1 | 14 | 19.21 | 19.09 | 19.16 | | | | |
| 3 | 256QAM | 8 | 0 | 19.11 | 19.22 | 19.07 | 20.7 | 3.5 | | |
| 3 | 256QAM | 8 | 4 | 19.18 | 19.14 | 19.14 | | | | |
| 3 | 256QAM | 8 | 7 | 19.01 | 19.11 | 19.13 | | | | |
| 3 | 256QAM | 16 | 0 | 19.06 | 19.16 | 19.10 | 20.7 | 3.5 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 22.80 | 22.57 | 22.78 | 24.2 | 0 | | |
| 1.4 | QPSK | 1 | 3 | 22.71 | 22.84 | 22.47 | | | | |
| 1.4 | QPSK | 1 | 5 | 22.43 | 22.77 | 22.51 | | | | |
| 1.4 | QPSK | 3 | 0 | 22.53 | 22.53 | 22.65 | 24.2 | 0 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.62 | 22.58 | | | | |
| 1.4 | QPSK | 3 | 3 | 22.38 | 22.66 | 22.59 | | | | |
| 1.4 | QPSK | 6 | 0 | 22.67 | 22.71 | 22.68 | 24.2 | 0 | | |
| 1.4 | 16QAM | 1 | 0 | 22.87 | 22.80 | 22.60 | | | | |
| 1.4 | 16QAM | 1 | 3 | 22.67 | 22.77 | 22.82 | | | | |
| 1.4 | 16QAM | 1 | 5 | 22.64 | 22.68 | 22.68 | 24.2 | 0 | | |
| 1.4 | 16QAM | 3 | 0 | 22.87 | 22.53 | 22.58 | | | | |
| 1.4 | 16QAM | 3 | 1 | 22.67 | 22.97 | 22.49 | | | | |
| 1.4 | 16QAM | 3 | 3 | 22.60 | 22.66 | 22.61 | 24.2 | 0 | | |
| 1.4 | 16QAM | 6 | 0 | 22.70 | 22.74 | 22.70 | | | | |
| 1.4 | 64QAM | 1 | 0 | 22.69 | 22.89 | 22.75 | | | | |
| 1.4 | 64QAM | 1 | 3 | 22.74 | 22.75 | 22.84 | 24.2 | 0 | | |
| 1.4 | 64QAM | 1 | 5 | 22.87 | 22.88 | 22.67 | | | | |
| 1.4 | 64QAM | 3 | 0 | 22.68 | 22.90 | 22.74 | | | | |
| 1.4 | 64QAM | 3 | 1 | 22.75 | 22.75 | 22.86 | 23.7 | 0.5 | | |
| 1.4 | 64QAM | 3 | 3 | 22.56 | 22.89 | 22.68 | | | | |
| 1.4 | 64QAM | 6 | 0 | 22.12 | 22.26 | 22.16 | | | | |
| 1.4 | 256QAM | 1 | 0 | 19.24 | 19.22 | 19.22 | 20.7 | 3.5 | | |
| 1.4 | 256QAM | 1 | 3 | 19.09 | 19.28 | 19.18 | | | | |
| 1.4 | 256QAM | 1 | 5 | 19.19 | 19.19 | 19.25 | | | | |
| 1.4 | 256QAM | 3 | 0 | 19.06 | 19.14 | 19.06 | 20.7 | 3.5 | | |
| 1.4 | 256QAM | 3 | 1 | 19.12 | 19.12 | 19.17 | | | | |
| 1.4 | 256QAM | 3 | 3 | 19.09 | 19.17 | 19.09 | | | | |
| 1.4 | 256QAM | 6 | 0 | 19.17 | 19.14 | 19.12 | 20.7 | 3.5 | | |



| Band | WCDMA IV A/G2 DSS | | | Take-up Limit (MHz) |
|-----------------|-----------------------|--------|--------|---------------------------|
| | 1312 | 1313 | 1313 | |
| TX Channel | 1312 | 1313 | 1313 | |
| RX Channel | 1317 | 1318 | 1318 | |
| Frequency (MHz) | 1712.4 | 1712.8 | 1712.4 | |
| SOPP Pair 0 | AWG 19 260ps | 17.25 | 17.25 | 18.50 |
| SOPP Pair 0 | AWG 19 260ps | 17.71 | 17.77 | 17.60 |
| SOPP Pair 1 | HSPA Subtree 1 | 18.81 | 18.75 | 18.99 |
| SOPP Pair 6 | HSPA Subtree 2 | 18.40 | 18.77 | 18.68 |
| SOPP Pair 6 | HSPA Subtree 3 | 18.12 | 18.22 | 18.21 |
| SOPP Pair 6 | HSPA Subtree 4 | 18.25 | 18.33 | 18.21 |
| SOPP Pair 8 | DC-HSPA Subtree 1 | 18.98 | 18.80 | 18.80 |
| SOPP Pair 8 | DC-HSPA Subtree 2 | 18.78 | 18.88 | 18.88 |
| SOPP Pair 8 | DC-HSPA Subtree 3 | 18.24 | 18.52 | 18.27 |
| SOPP Pair 8 | DC-HSPA Subtree 4 | 18.10 | 18.28 | 18.25 |
| SOPP Pair 6 | HSPA Subtree 1 | 18.63 | 18.84 | 18.75 |
| SOPP Pair 6 | HSPA Subtree 2 | 18.01 | 18.03 | 18.04 |
| SOPP Pair 6 | HSPA Subtree 3 | 18.78 | 18.14 | 18.04 |
| SOPP Pair 6 | HSPA Subtree 4 | 18.94 | 18.09 | 18.03 |
| SOPP Pair 6 | HSPA Subtree 5 | 18.80 | 18.71 | 18.70 |
| SOPP Pair 7 | HSPA (HSUM) Subtree 1 | 14.80 | 14.87 | 14.87 |



| Band 4 Ant2 DS15 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up limit (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 18.61 | 18.67 | 18.63 | | | | |
| 20 | QPSK | 1 | 49 | 18.61 | 18.67 | 18.63 | 19.2 | 0 | | |
| 20 | QPSK | 1 | 99 | 18.61 | 18.69 | 18.56 | | | | |
| 20 | QPSK | 50 | 0 | 18.63 | 18.64 | 18.54 | | | | |
| 20 | QPSK | 50 | 24 | 18.67 | 18.67 | 18.57 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.63 | 18.63 | 18.52 | | | | |
| 20 | QPSK | 100 | 0 | 18.54 | 18.52 | 18.58 | | | | |
| 20 | 16QAM | 50 | 0 | 18.56 | 18.56 | 18.52 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 49 | 18.58 | 18.57 | 18.55 | | | | |
| 20 | 16QAM | 1 | 99 | 18.61 | 18.61 | 18.57 | | | | |
| 20 | 16QAM | 50 | 0 | 18.41 | 18.41 | 18.36 | 19.2 | 0 | | |
| 20 | 16QAM | 50 | 24 | 18.50 | 18.52 | 18.43 | | | | |
| 20 | 16QAM | 50 | 50 | 18.49 | 18.48 | 18.41 | | | | |
| 20 | 16QAM | 100 | 0 | 18.41 | 18.41 | 18.32 | 19.2 | 0 | | |
| 20 | 84QAM | 1 | 0 | 18.55 | 18.50 | 18.52 | | | | |
| 20 | 84QAM | 1 | 49 | 18.45 | 18.46 | 18.52 | 19.2 | 0 | | |
| 20 | 84QAM | 50 | 0 | 18.51 | 18.50 | 18.58 | | | | |
| 20 | 84QAM | 50 | 24 | 18.52 | 18.52 | 18.53 | 19.2 | 0 | | |
| 20 | 84QAM | 50 | 50 | 18.53 | 18.53 | 18.55 | | | | |
| 20 | 84QAM | 100 | 0 | 18.52 | 18.52 | 18.58 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 49 | 18.63 | 18.65 | 18.51 | | | | |
| 20 | 256QAM | 1 | 99 | 18.55 | 18.55 | 18.61 | 19.2 | 0 | | |
| 20 | 256QAM | 50 | 0 | 18.54 | 18.54 | 18.62 | | | | |
| 20 | 256QAM | 50 | 24 | 18.64 | 18.62 | 18.56 | 19.2 | 0 | | |
| 20 | 256QAM | 50 | 50 | 18.52 | 18.51 | 18.51 | | | | |
| 20 | 256QAM | 100 | 0 | 18.54 | 18.54 | 18.52 | 19.2 | 0 | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 18.36 | 18.34 | 18.29 | | | | |
| 15 | QPSK | 1 | 37 | 18.28 | 18.28 | 18.24 | 19.2 | 0 | | |
| 15 | QPSK | 1 | 74 | 18.29 | 18.52 | 18.24 | | | | |
| 15 | QPSK | 36 | 0 | 18.27 | 18.44 | 18.39 | | | | |
| 15 | QPSK | 25 | 0 | 18.47 | 18.29 | 18.29 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 18.22 | 18.53 | 18.27 | | | | |
| 15 | QPSK | 75 | 0 | 18.27 | 18.39 | 18.28 | | | | |
| 15 | 16QAM | 1 | 0 | 18.32 | 18.36 | 18.26 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 37 | 18.38 | 18.34 | 18.41 | | | | |
| 15 | 16QAM | 1 | 74 | 18.31 | 18.31 | 18.28 | | | | |
| 15 | 16QAM | 36 | 0 | 18.31 | 18.28 | 18.42 | 19.2 | 0 | | |
| 15 | 16QAM | 36 | 20 | 18.02 | 18.24 | 18.25 | | | | |
| 15 | 16QAM | 36 | 20 | 18.21 | 18.24 | 18.25 | 19.2 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.11 | 18.27 | 18.35 | | | | |
| 15 | 84QAM | 1 | 0 | 18.45 | 18.38 | 18.39 | 19.2 | 0 | | |
| 15 | 84QAM | 1 | 37 | 18.39 | 18.39 | 18.33 | | | | |
| 15 | 84QAM | 1 | 74 | 18.45 | 18.25 | 18.19 | | | | |
| 15 | 84QAM | 36 | 0 | 18.25 | 18.43 | 18.14 | 19.2 | 0 | | |
| 15 | 84QAM | 36 | 0 | 18.31 | 18.23 | 18.29 | | | | |
| 15 | 84QAM | 36 | 39 | 18.36 | 18.12 | 18.41 | | | | |
| 15 | 84QAM | 75 | 0 | 18.38 | 18.32 | 18.46 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 37 | 18.29 | 18.35 | 18.22 | | | | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.35 | 18.22 | 19.2 | 0 | | |
| 15 | 256QAM | 36 | 0 | 18.24 | 18.33 | 18.29 | | | | |
| 15 | 256QAM | 36 | 39 | 18.33 | 18.29 | 18.21 | 19.2 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.43 | 18.43 | 18.43 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 18.27 | 18.26 | 18.26 | | | | |
| 10 | QPSK | 1 | 25 | 18.17 | 18.38 | 18.16 | 19.2 | 0 | | |
| 10 | QPSK | 1 | 49 | 18.39 | 18.41 | 18.29 | | | | |
| 10 | QPSK | 12 | 0 | 18.40 | 18.43 | 18.40 | | | | |
| 10 | QPSK | 25 | 12 | 18.46 | 18.55 | 18.31 | | | | |
| 10 | QPSK | 25 | 25 | 18.22 | 18.53 | 18.41 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 18.36 | 18.36 | 18.34 | | | | |
| 10 | 16QAM | 1 | 24 | 18.47 | 18.37 | 18.40 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.36 | 18.36 | 18.36 | | | | |
| 10 | 16QAM | 25 | 0 | 18.21 | 18.44 | 18.34 | | | | |
| 10 | 16QAM | 25 | 12 | 18.21 | 18.06 | 18.12 | 19.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.22 | 18.22 | 18.22 | | | | |
| 10 | 16QAM | 50 | 0 | 18.26 | 18.42 | 18.30 | | | | |
| 10 | 84QAM | 1 | 0 | 18.48 | 18.49 | 18.53 | 19.2 | 0 | | |
| 10 | 84QAM | 1 | 24 | 18.20 | 18.36 | 18.38 | | | | |
| 10 | 84QAM | 1 | 49 | 18.46 | 18.35 | 18.30 | | | | |
| 10 | 84QAM | 25 | 0 | 18.24 | 18.46 | 18.29 | 19.2 | 0 | | |
| 10 | 84QAM | 25 | 12 | 18.28 | 18.46 | 18.24 | | | | |
| 10 | 84QAM | 50 | 0 | 18.39 | 18.43 | 18.45 | | | | |
| 10 | 256QAM | 1 | 24 | 18.29 | 18.43 | 18.45 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.45 | 18.42 | 18.25 | | | | |
| 10 | 256QAM | 1 | 99 | 18.44 | 18.29 | 18.23 | | | | |
| 10 | 256QAM | 25 | 0 | 18.38 | 18.42 | 18.22 | 19.2 | 0 | | |
| 10 | 256QAM | 25 | 12 | 18.22 | 18.22 | 18.20 | | | | |
| 10 | 256QAM | 25 | 25 | 18.30 | 18.41 | 18.30 | 19.2 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.44 | 18.39 | 18.29 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 18.27 | 18.26 | 18.26 | | | | |
| 5 | QPSK | 1 | 12 | 18.13 | 18.54 | 18.17 | 19.2 | 0 | | |
| 5 | QPSK | 1 | 24 | 18.22 | 18.43 | 18.40 | | | | |
| 5 | QPSK | 12 | 0 | 18.42 | 18.44 | 18.44 | | | | |
| 5 | QPSK | 12 | 7 | 18.54 | 18.42 | 18.36 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.17 | 18.38 | 18.49 | | | | |
| 5 | QPSK | 25 | 0 | 18.22 | 18.53 | 18.22 | | | | |
| 5 | 16QAM | 1 | 0 | 18.29 | 18.44 | 18.27 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 12 | 18.43 | 18.28 | 18.43 | | | | |
| 5 | 16QAM | 1 | 24 | 18.37 | 18.42 | 18.36 | | | | |
| 5 | 16QAM | 12 | 0 | 18.23 | 18.37 | 18.34 | | | | |
| 5 | 16QAM | 12 | 7 | 18.23 | 18.15 | 18.12 | 19.2 | 0 | | |
| 5 | 16QAM | 12 | 13 | 18.28 | 18.21 | 18.25 | | | | |
| 5 | 16QAM | 25 | 0 | 18.18 | 18.35 | 18.24 | | | | |
| 5 | 84QAM | 1 | 0 | 18.49 | 18.36 | 18.36 | 19.2 | 0 | | |
| 5 | 84QAM | 1 | 12 | 18.31 | 18.42 | 18.27 | | | | |
| 5 | 84QAM | 1 | 24 | 18.37 | 18.31 | 18.25 | | | | |
| 5 | 84QAM | 12 | 0 | 18.35 | 18.29 | 18.25 | 19.2 | 0 | | |
| 5 | 84QAM | 12 | 7 | 18.02 | 18.45 | 18.20 | | | | |
| 5 | 84QAM | 12 | 13 | 18.35 | 18.12 | 18.44 | | | | |
| 5 | 84QAM | 25 | 0 | 18.40 | 18.24 | 18.34 | | | | |
| 5 | 256QAM | 1 | 0 | 18.41 | 18.24 | 18.28 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 12 | 18.20 | 18.44 | 18.27 | | | | |
| 5 | 256QAM | 1 | 24 | 18.39 | 18.35 | 18.21 | | | | |
| 5 | 256QAM | 12 | 0 | 18.27 | 18.31 | 18.43 | 19.2 | 0 | | |
| 5 | 256QAM | 12 | 7 | 18.24 | 18.27 | 18.31 | | | | |
| 5 | 256QAM | 12 | 13 | 18.18 | 18.28 | 18.30 | 19.2 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.39 | 18.35 | 18.19 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 18.31 | 18.44 | 18.37 | | | | |
| 3 | QPSK | 1 | 8 | 18.24 | 18.44 | 18.17 | 19.2 | 0 | | |
| 3 | QPSK | 1 | 14 | 18.20 | 18.53 | 18.23 | | | | |
| 3 | QPSK | 8 | 0 | 18.28 | 18.35 | 18.28 | | | | |
| 3 | QPSK | 8 | 4 | 18.57 | 18.52 | 18.37 | 19.2 | 0 | | |
| 3 | QPSK | 8 | 7 | 18.26 | 18.43 | 18.38 | | | | |
| 3 | QPSK | 15 | 0 | 18.31 | 18.35 | 18.28 | | | | |
| 3 | 16QAM | 1 | 0 | 18.45 | 18.27 | 18.29 | 19.2 | 0 | | |
| 3 | 16QAM | 1 | 8 | 18.34 | 18.39 | 18.52 | | | | |
| 3 | 16QAM | 1 | 14 | 18.27 | 18.47 | 18.42 | | | | |
| 3 | 16QAM | 8 | 0 | 18.26 | 18.24 | 18.47 | 19.2 | 0 | | |
| 3 | 16QAM | 8 | 4 | 18.17 | 18.07 | 18.21 | | | | |
| 3 | 16QAM | 15 | 0 | 18.29 | 18.21 | 18.21 | | | | |
| 3 | 16QAM | 15 | 0 | 18.31 | 18.42 | 18.37 | 19.2 | 0 | | |
| 3 | 84QAM | 1 | 0 | 18.42 | 18.42 | 18.46 | | | | |
| 3 | 84QAM | 1 | 8 | 18.36 | 18.36 | 18.36 | 19.2 | 0 | | |
| 3 | 84QAM | 1 | 14 | 18.48 | 18.33 | 18.32 | | | | |
| 3 | 84QAM | 8 | 0 | 18.37 | 18.41 | 18.39 | | | | |
| 3 | 84QAM | 8 | 4 | 18.06 | 18.41 | 18.23 | 19.2 | 0 | | |
| 3 | 84QAM | 8 | 7 | 18.20 | 18.15 | 18.36 | | | | |



| Band 38 Ant2 DS15 | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 38750 | 39000 | 38750 | | | |
| 20 | QPSK | 1 | 0 | 21.60 | 21.60 | 21.60 | | | |
| 20 | QPSK | 1 | 49 | 21.56 | 21.45 | 21.42 | 22.2 | 0 | |
| 20 | QPSK | 50 | 24 | 21.41 | 21.50 | 21.51 | | | |
| 20 | QPSK | 50 | 0 | 21.54 | 21.52 | 21.59 | | | |
| 20 | QPSK | 50 | 24 | 21.52 | 21.40 | 21.52 | 22.2 | 0 | |
| 20 | QPSK | 100 | 0 | 21.51 | 21.44 | 21.54 | | | |
| 20 | 16QAM | 1 | 0 | 21.36 | 21.47 | 21.43 | 22.2 | 0 | |
| 20 | 16QAM | 1 | 49 | 21.47 | 21.44 | 21.38 | | | |
| 20 | 16QAM | 1 | 99 | 21.47 | 21.53 | 21.40 | | | |
| 20 | 16QAM | 50 | 0 | 21.36 | 21.62 | 21.51 | | | |
| 20 | 16QAM | 50 | 24 | 21.46 | 21.55 | 21.50 | 22.2 | 0 | |
| 20 | 16QAM | 50 | 50 | 21.57 | 21.62 | 21.53 | | | |
| 20 | 16QAM | 100 | 0 | 21.51 | 21.59 | 21.51 | | | |
| 20 | 16QAM | 100 | 0 | 21.23 | 21.64 | 21.55 | | | |
| 20 | 16QAM | 1 | 49 | 21.47 | 21.49 | 21.37 | 22.2 | 0 | |
| 20 | 16QAM | 1 | 99 | 21.46 | 21.60 | 21.46 | | | |
| 20 | 16QAM | 50 | 0 | 21.54 | 21.52 | 21.58 | | | |
| 20 | 16QAM | 50 | 24 | 21.47 | 21.45 | 21.38 | 22.2 | 0 | |
| 20 | 16QAM | 50 | 50 | 21.52 | 21.67 | 21.51 | | | |
| 20 | 16QAM | 100 | 0 | 21.50 | 21.52 | 21.57 | | | |
| 20 | 256QAM | 1 | 0 | 19.89 | 20.02 | 19.93 | | | |
| 20 | 256QAM | 1 | 49 | 19.79 | 19.99 | 19.85 | 20.7 | 1.5 | |
| 20 | 256QAM | 1 | 99 | 19.89 | 19.95 | 19.86 | | | |
| 20 | 256QAM | 50 | 0 | 19.95 | 20.05 | 20.04 | | | |
| 20 | 256QAM | 50 | 24 | 19.95 | 20.16 | 20.00 | 20.7 | 1.5 | |
| 20 | 256QAM | 50 | 50 | 20.06 | 20.16 | 20.00 | | | |
| 20 | 256QAM | 100 | 0 | 19.96 | 20.07 | 20.00 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 39250 | 39500 | 39250 | Tune-up limit (dBm) | MPR (dB) | |
| 39250 | 39500 | 39250 | 39113 | 39250 | 39113 | 39250 | | | |
| 15 | QPSK | 1 | 0 | 21.73 | 21.63 | 21.73 | | | |
| 15 | QPSK | 1 | 37 | 21.51 | 21.30 | 21.34 | 22.2 | 0 | |
| 15 | QPSK | 1 | 74 | 21.42 | 21.30 | 21.15 | | | |
| 15 | QPSK | 36 | 0 | 21.43 | 21.63 | 21.60 | | | |
| 15 | QPSK | 36 | 20 | 21.45 | 21.20 | 21.36 | 22.2 | 0 | |
| 15 | QPSK | 36 | 36 | 21.48 | 21.45 | 21.35 | | | |
| 15 | QPSK | 75 | 0 | 21.38 | 21.45 | 21.56 | | | |
| 15 | 16QAM | 1 | 0 | 21.27 | 21.38 | 21.31 | 22.2 | 0 | |
| 15 | 16QAM | 1 | 37 | 21.26 | 21.45 | 21.35 | | | |
| 15 | 16QAM | 1 | 74 | 21.47 | 21.44 | 21.37 | | | |
| 15 | 16QAM | 36 | 0 | 21.47 | 21.61 | 21.42 | | | |
| 15 | 16QAM | 36 | 20 | 21.43 | 21.50 | 21.45 | 22.2 | 0 | |
| 15 | 16QAM | 36 | 36 | 21.48 | 21.48 | 21.38 | | | |
| 15 | 16QAM | 75 | 0 | 21.41 | 21.48 | 21.45 | | | |
| 15 | 16QAM | 1 | 0 | 21.47 | 21.51 | 21.41 | | | |
| 15 | 16QAM | 1 | 37 | 21.34 | 21.46 | 21.32 | 22.2 | 0 | |
| 15 | 16QAM | 1 | 74 | 21.41 | 21.54 | 21.41 | | | |
| 15 | 16QAM | 36 | 0 | 21.44 | 21.33 | 21.38 | | | |
| 15 | 16QAM | 36 | 20 | 21.31 | 21.45 | 21.22 | 22.2 | 0 | |
| 15 | 16QAM | 36 | 36 | 21.31 | 21.31 | 21.21 | | | |
| 15 | 16QAM | 75 | 0 | 21.52 | 21.44 | 21.52 | | | |
| 15 | 256QAM | 1 | 0 | 19.77 | 19.84 | 19.80 | | | |
| 15 | 256QAM | 1 | 37 | 19.70 | 19.88 | 19.77 | 20.7 | 1.5 | |
| 15 | 256QAM | 1 | 74 | 19.83 | 19.87 | 19.77 | | | |
| 15 | 256QAM | 36 | 0 | 20.01 | 20.09 | 20.02 | | | |
| 15 | 256QAM | 36 | 20 | 19.82 | 19.99 | 19.82 | 20.7 | 1.5 | |
| 15 | 256QAM | 36 | 36 | 19.96 | 20.03 | 19.88 | | | |
| 15 | 256QAM | 75 | 0 | 19.93 | 20.01 | 19.93 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 39500 | 39750 | 39500 | Tune-up limit (dBm) | MPR (dB) | |
| 39500 | 39750 | 39500 | 39363 | 39500 | 39363 | 39500 | | | |
| 10 | QPSK | 1 | 0 | 21.61 | 21.54 | 21.61 | | | |
| 10 | QPSK | 1 | 25 | 21.35 | 21.25 | 21.42 | 22.2 | 0 | |
| 10 | QPSK | 1 | 49 | 21.29 | 21.44 | 21.27 | | | |
| 10 | QPSK | 25 | 0 | 21.40 | 21.46 | 21.46 | | | |
| 10 | QPSK | 25 | 12 | 21.34 | 21.40 | 21.52 | 22.2 | 0 | |
| 10 | QPSK | 25 | 25 | 21.37 | 21.52 | 21.34 | | | |
| 10 | 16QAM | 1 | 0 | 21.23 | 21.27 | 21.41 | 22.2 | 0 | |
| 10 | 16QAM | 1 | 25 | 21.37 | 21.36 | 21.26 | | | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.37 | 21.39 | | | |
| 10 | 16QAM | 25 | 0 | 21.48 | 21.54 | 21.47 | | | |
| 10 | 16QAM | 25 | 12 | 21.42 | 21.49 | 21.45 | 22.2 | 0 | |
| 10 | 16QAM | 25 | 25 | 21.44 | 21.56 | 21.44 | | | |
| 10 | 16QAM | 50 | 0 | 21.39 | 21.55 | 21.47 | | | |
| 10 | 16QAM | 1 | 0 | 21.44 | 21.50 | 21.40 | | | |
| 10 | 16QAM | 1 | 25 | 21.41 | 21.40 | 21.29 | 22.2 | 0 | |
| 10 | 16QAM | 1 | 49 | 21.33 | 21.49 | 21.44 | | | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.38 | 21.50 | | | |
| 10 | 16QAM | 25 | 12 | 21.48 | 21.32 | 21.33 | 22.2 | 0 | |
| 10 | 16QAM | 25 | 25 | 21.35 | 21.53 | 21.34 | | | |
| 10 | 16QAM | 50 | 0 | 21.46 | 21.53 | 21.54 | | | |
| 10 | 256QAM | 1 | 0 | 19.85 | 19.94 | 19.79 | | | |
| 10 | 256QAM | 1 | 25 | 19.87 | 19.91 | 19.76 | 20.7 | 1.5 | |
| 10 | 256QAM | 1 | 49 | 19.85 | 19.86 | 19.80 | | | |
| 10 | 256QAM | 25 | 0 | 19.98 | 20.13 | 19.98 | | | |
| 10 | 256QAM | 25 | 12 | 19.82 | 19.93 | 19.85 | 20.7 | 1.5 | |
| 10 | 256QAM | 25 | 25 | 19.95 | 20.10 | 19.87 | | | |
| 10 | 256QAM | 50 | 0 | 19.87 | 19.97 | 19.92 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 39999 | 39750 | Tune-up limit (dBm) | MPR (dB) | |
| 39750 | 39999 | 39750 | 39613 | 39750 | 39613 | 39750 | | | |
| 5 | QPSK | 1 | 0 | 21.56 | 21.59 | 21.50 | | | |
| 5 | QPSK | 1 | 19 | 21.57 | 21.27 | 21.24 | 22.2 | 0 | |
| 5 | QPSK | 1 | 24 | 21.42 | 21.49 | 21.14 | | | |
| 5 | QPSK | 12 | 0 | 21.40 | 21.61 | 21.43 | | | |
| 5 | QPSK | 12 | 7 | 21.44 | 21.38 | 21.38 | 22.2 | 0 | |
| 5 | QPSK | 12 | 19 | 21.36 | 21.43 | 21.31 | | | |
| 5 | QPSK | 25 | 0 | 21.51 | 21.41 | 21.55 | | | |
| 5 | QPSK | 25 | 0 | 21.20 | 21.30 | 21.45 | | | |
| 5 | 16QAM | 1 | 12 | 21.30 | 21.26 | 21.52 | 22.2 | 0 | |
| 5 | 16QAM | 1 | 24 | 21.26 | 21.48 | 21.36 | | | |
| 5 | 16QAM | 12 | 0 | 21.52 | 21.59 | 21.37 | | | |
| 5 | 16QAM | 12 | 7 | 21.52 | 21.46 | 21.39 | 22.2 | 0 | |
| 5 | 16QAM | 12 | 13 | 21.53 | 21.51 | 21.44 | | | |
| 5 | 16QAM | 25 | 0 | 21.38 | 21.50 | 21.39 | | | |
| 5 | 16QAM | 1 | 0 | 21.48 | 21.58 | 21.51 | 22.2 | 0 | |
| 5 | 16QAM | 1 | 12 | 21.37 | 21.41 | 21.29 | | | |
| 5 | 16QAM | 1 | 24 | 21.41 | 21.55 | 21.39 | | | |
| 5 | 16QAM | 12 | 0 | 21.37 | 21.47 | 21.37 | | | |
| 5 | 16QAM | 12 | 7 | 21.38 | 21.44 | 21.36 | 22.2 | 0 | |
| 5 | 16QAM | 12 | 13 | 21.45 | 21.53 | 21.53 | | | |
| 5 | 16QAM | 25 | 0 | 21.34 | 21.38 | 21.53 | | | |
| 5 | 16QAM | 1 | 0 | 19.79 | 19.94 | 19.81 | | | |
| 5 | 256QAM | 1 | 12 | 19.75 | 19.89 | 19.75 | 20.7 | 1.5 | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.88 | 19.81 | | | |
| 5 | 256QAM | 12 | 0 | 19.95 | 20.16 | 19.93 | | | |
| 5 | 256QAM | 12 | 7 | 19.91 | 19.93 | 19.94 | 20.7 | 1.5 | |
| 5 | 256QAM | 12 | 13 | 19.99 | 20.11 | 19.90 | | | |
| 5 | 256QAM | 25 | 0 | 19.90 | 20.02 | 19.90 | | | |

| Band 41 Ant2 DS15 | | | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------------|--------------------------|--------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Power High Mod Ch / Freq | Power High Mod Ch / Freq | Power High Mod Ch / Freq | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 40000 | 40000 | 41055 | 41055 | 41055 | | |
| 20 | QPSK | 1 | 0 | 22.21 | 22.04 | 22.04 | 22.13 | 22.13 | 22.14 | | |
| 20 | QPSK | 1 | 49 | 21.87 | 22.10 | 21.96 | 22.10 | 22.00 | 21.76 | 22.7 | 0 |
| 20 | QPSK | 1 | 99 | 22.03 | 22.08 | 22.14 | 21.96 | 22.08 | 22.08 | | |
| 20 | QPSK | 50 | 0 | 22.03 | 22.15 | 22.21 | 21.98 | 22.18 | 22.18 | | |
| 20 | QPSK | 50 | 24 | 22.07 | 22.21 | 22.15 | 22.00 | 22.11 | 22.11 | 22.7 | 0 |
| 20 | QPSK | 50 | 49 | 22.00 | 22.04 | 22.08 | 21.82 | 21.80 | 21.80 | | |
| 20 | QPSK | 100 | 0 | 22.08 | 22.15 | 22.20 | 22.18 | 22.15 | 22.15 | | |
| 20 | 16QAM | 1 | 0 | 21.88 | 22.00 | 22.04 | 21.97 | 21.88 | 21.88 | 22.7 | 0 |
| 20 | 16QAM | 1 | 49 | 22.09 | 22.07 | 22.19 | 21.91 | 22.14 | 22.15 | | |
| 20 | 16QAM | 1 | 99 | 22.19 | 22.01 | 22.19 | 22.10 | 22.03 | 22.03 | | |
| 20 | 16QAM | 50 | 0 | 21.79 | 21.96 | 21.94 | 22.10 | 22.07 | 21.87 | 22.7 | 0 |
| 20 | 16QAM | 50 | 24 | 21.89 | 22.00 | 22.08 | 22.00 | 22.05 | 22.05 | | |
| 20 | 16QAM | 50 | 50 | 22.01 | 22.06 | 22.08 | 21.91 | 21.99 | 21.99 | 22.7 | 0 |
| 20 | 16QAM | 100 | 0 | 22.15 | 22.09 | 22.13 | 22.06 | 22.06 | 22.06 | | |
| 20 | 16QAM | 100 | 0 | 21.84 | 22.08 | 22.03 | 21.93 | 22.04 | 22.04 | | |
| 20 | 16QAM | 1 | 49 | 21.78 | 22.02 | 21.88 | 21.96 | 21.81 | 21.81 | 22.7 | 0 |
| 20 | 16QAM | 1 | 99 | 21.92 | 22.05 | 22.00 | 21.83 | 21.89 | 21.89 | | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.00 | 22.15 | 22.07 | 22.07 | 21.88 | 22.7 | 0 |
| 20 | 16QAM | 50 | 24 | 21.87 | 21.91 | 22.01 | 21.88 | 22.03 | 22.03 | | |
| 20 | 16QAM | 50 | 50 | 22.08 | 22.02 | 22.09 | 21.98 | 21.98 | 21.98 | 22.7 | 0 |
| 20 | 16QAM | 100 | 0 | 22.03 | 22.08 | 22.17 | 22.08 | 22.07 | 22.07 | | |
| 20 | 256QAM | 1 | 0 | 20.01 | 19.87 | 20.12 | 19.96 | 19.88 | 19.88 | | |
| 20 | 256QAM | 1 | 49 | 19.91 | 19.88 | 19.97 | 19.85 | 19.85 | 19.85 | 20.7 | 2 |
| 20 | 256QAM | 1 | 99 | 19.92 | 19.88 | 20.01 | 19.89 | 19.89 | 19.89 | | |
| 20 | | | | | | | | | | | |



| Band | WCCMA IV Avid DSB | | | Take-up Limit (MHz) |
|--------------------------------------|-------------------|--------|--------|---------------------|
| | 1312 | 1318 | 1324 | |
| TX Channel | 1312 | 1318 | 1324 | |
| Rx Channel | 1317 | 1323 | 1329 | |
| Frequency (MHz) | 1317.4 | 1323.8 | 1330.2 | |
| SOPP Pair 0 - AWA 19 260ps | 21.87 | 21.93 | 21.99 | 23.00 |
| SOPP Pair 0 - BWC 19 260ps | 21.88 | 21.95 | 22.00 | 23.00 |
| SOPP Pair 6 - HSDPA Subtree 1 | 20.74 | 20.87 | 20.78 | 22.00 |
| SOPP Pair 6 - HSDPA Subtree 2 | 20.79 | 21.05 | 20.88 | 22.00 |
| SOPP Pair 6 - HSDPA Subtree 3 | 20.38 | 20.93 | 20.38 | 21.00 |
| SOPP Pair 6 - HSDPA Subtree 4 | 20.31 | 20.44 | 20.47 | 21.00 |
| SOPP Pair 8 - DC-HSDPA Subtree 1 | 20.62 | 21.06 | 20.91 | 22.00 |
| SOPP Pair 8 - DC-HSDPA Subtree 2 | 20.72 | 20.72 | 20.79 | 22.00 |
| SOPP Pair 8 - DC-HSDPA Subtree 3 | 20.38 | 20.38 | 20.42 | 21.00 |
| SOPP Pair 8 - DC-HSDPA Subtree 4 | 20.42 | 20.41 | 20.34 | 21.00 |
| SOPP Pair 6 - HSPA Subtree 1 | 20.74 | 20.88 | 21.08 | 22.00 |
| SOPP Pair 6 - HSPA Subtree 2 | 19.85 | 19.7 | 19.6 | 20.00 |
| SOPP Pair 6 - HSPA Subtree 3 | 19.85 | 19.35 | 19.35 | 21.00 |
| SOPP Pair 6 - HSPA Subtree 4 | 18.82 | 19.04 | 18.87 | 20.00 |
| SOPP Pair 6 - HSPA Subtree 5 | 20.01 | 20.09 | 21.70 | 22.00 |
| SOPP Pair 7 - HSPA+ (HSUM) Subtree 1 | 18.31 | 18.52 | 18.47 | 18.00 |



| Band 4 Ant3 DS15 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|---|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power Mid Ch./Freq. | Power High Ch./Freq. | Time-up limit (min) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 19.22 | 19.23 | 19.20 | | | | |
| 20 | QPSK | 1 | 49 | 18.88 | 18.86 | 19.14 | | 19.7 | 0 | |
| 20 | QPSK | 1 | 99 | 18.88 | 18.86 | 19.14 | | | | |
| 20 | QPSK | 50 | 0 | 19.20 | 19.23 | 19.17 | | | | |
| 20 | QPSK | 50 | 24 | 19.18 | 19.18 | 19.18 | | | | |
| 20 | QPSK | 50 | 50 | 18.95 | 18.96 | 19.08 | | 19.7 | 0 | |
| 20 | QPSK | 100 | 0 | 18.18 | 18.21 | 18.16 | | | | |
| 20 | 16QAM | 100 | 0 | 19.16 | 19.16 | 19.16 | | | | |
| 20 | 16QAM | 1 | 49 | 19.05 | 19.08 | 19.09 | | 19.7 | 0 | |
| 20 | 16QAM | 1 | 99 | 18.17 | 18.18 | 18.10 | | | | |
| 20 | 16QAM | 50 | 0 | 19.07 | 18.96 | 19.07 | | | | |
| 20 | 16QAM | 50 | 24 | 19.01 | 19.04 | 18.98 | | | | |
| 20 | 16QAM | 50 | 50 | 18.96 | 18.96 | 18.92 | | | | |
| 20 | 16QAM | 100 | 0 | 18.87 | 18.87 | 18.89 | | | | |
| 20 | 16QAM | 1 | 0 | 19.09 | 18.85 | 19.08 | | | | |
| 20 | 64QAM | 1 | 49 | 18.89 | 19.04 | 19.09 | | 19.7 | 0 | |
| 20 | 64QAM | 1 | 99 | 19.07 | 19.02 | 19.07 | | | | |
| 20 | 64QAM | 50 | 0 | 19.07 | 19.02 | 19.07 | | | | |
| 20 | 64QAM | 50 | 24 | 19.20 | 19.08 | 19.05 | | 19.7 | 0 | |
| 20 | 64QAM | 50 | 50 | 18.24 | 19.14 | 18.91 | | | | |
| 20 | 64QAM | 100 | 0 | 19.07 | 18.80 | 19.22 | | | | |
| 20 | 256QAM | 1 | 49 | 18.95 | 19.03 | 18.82 | | | | |
| 20 | 256QAM | 1 | 99 | 19.13 | 19.12 | 18.96 | | | | |
| 20 | 256QAM | 50 | 0 | 18.97 | 18.94 | 18.98 | | | | |
| 20 | 256QAM | 50 | 24 | 18.94 | 19.02 | 18.79 | | | | |
| 20 | 256QAM | 50 | 50 | 18.94 | 18.96 | 18.88 | | | | |
| 20 | 256QAM | 100 | 0 | 18.97 | 18.97 | 18.97 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 18.17 | 18.17 | 18.00 | | | | |
| 15 | QPSK | 1 | 37 | 19.07 | 18.90 | 19.03 | | 19.7 | 0 | |
| 15 | QPSK | 1 | 74 | 18.90 | 18.83 | 19.13 | | | | |
| 15 | QPSK | 36 | 0 | 19.02 | 19.21 | 19.04 | | | | |
| 15 | QPSK | 36 | 25 | 19.17 | 19.21 | 19.00 | | | | |
| 15 | QPSK | 36 | 39 | 18.75 | 18.92 | 19.03 | | 19.7 | 0 | |
| 15 | QPSK | 75 | 0 | 19.07 | 19.07 | 19.07 | | | | |
| 15 | 16QAM | 1 | 0 | 19.06 | 19.00 | 19.00 | | | | |
| 15 | 16QAM | 1 | 37 | 19.02 | 19.03 | 18.96 | | 19.7 | 0 | |
| 15 | 16QAM | 1 | 74 | 18.97 | 18.94 | 18.98 | | | | |
| 15 | 16QAM | 36 | 0 | 18.75 | 18.84 | 18.95 | | | | |
| 15 | 16QAM | 36 | 29 | 18.86 | 18.93 | 18.93 | | 19.7 | 0 | |
| 15 | 16QAM | 36 | 49 | 18.87 | 18.92 | 18.73 | | | | |
| 15 | 16QAM | 75 | 0 | 18.83 | 18.90 | 18.93 | | | | |
| 15 | 64QAM | 1 | 0 | 19.04 | 18.88 | 19.07 | | | | |
| 15 | 64QAM | 1 | 37 | 19.07 | 18.97 | 18.98 | | 19.7 | 0 | |
| 15 | 64QAM | 1 | 74 | 18.96 | 18.95 | 18.95 | | | | |
| 15 | 64QAM | 36 | 0 | 18.97 | 18.88 | 18.89 | | | | |
| 15 | 64QAM | 36 | 29 | 18.92 | 18.92 | 18.88 | | | | |
| 15 | 64QAM | 36 | 49 | 18.98 | 19.05 | 18.82 | | 19.7 | 0 | |
| 15 | 64QAM | 75 | 0 | 19.04 | 18.77 | 19.07 | | | | |
| 15 | 256QAM | 1 | 0 | 18.98 | 18.98 | 18.97 | | | | |
| 15 | 256QAM | 1 | 37 | 18.93 | 18.95 | 18.79 | | 19.7 | 0 | |
| 15 | 256QAM | 1 | 74 | 19.05 | 18.92 | 18.87 | | | | |
| 15 | 256QAM | 36 | 0 | 18.75 | 19.03 | 18.70 | | | | |
| 15 | 256QAM | 36 | 39 | 18.84 | 18.80 | 18.73 | | 19.7 | 0 | |
| 15 | 256QAM | 75 | 0 | 18.77 | 18.77 | 18.86 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 18.15 | 18.15 | 18.00 | | | | |
| 10 | QPSK | 1 | 25 | 18.11 | 18.14 | 18.15 | | 19.7 | 0 | |
| 10 | QPSK | 1 | 49 | 18.82 | 18.84 | 18.13 | | | | |
| 10 | QPSK | 12 | 0 | 18.07 | 18.04 | 18.04 | | | | |
| 10 | QPSK | 25 | 12 | 18.06 | 19.05 | 18.98 | | | | |
| 10 | QPSK | 25 | 25 | 18.91 | 18.86 | 18.97 | | 19.7 | 0 | |
| 10 | QPSK | 50 | 0 | 18.96 | 18.96 | 18.97 | | | | |
| 10 | 16QAM | 1 | 0 | 19.06 | 19.05 | 19.05 | | | | |
| 10 | 16QAM | 1 | 24 | 19.03 | 19.08 | 18.93 | | 19.7 | 0 | |
| 10 | 16QAM | 1 | 49 | 18.90 | 18.90 | 18.97 | | | | |
| 10 | 16QAM | 25 | 0 | 18.70 | 18.82 | 19.05 | | | | |
| 10 | 16QAM | 25 | 12 | 19.00 | 18.94 | 18.99 | | 19.7 | 0 | |
| 10 | 16QAM | 25 | 25 | 18.92 | 18.92 | 18.73 | | | | |
| 10 | 16QAM | 50 | 0 | 18.83 | 18.78 | 18.89 | | | | |
| 10 | 64QAM | 1 | 0 | 19.03 | 18.72 | 18.97 | | | | |
| 10 | 64QAM | 1 | 24 | 18.85 | 18.87 | 18.86 | | 19.7 | 0 | |
| 10 | 64QAM | 1 | 49 | 19.07 | 18.88 | 18.84 | | | | |
| 10 | 64QAM | 25 | 0 | 18.94 | 18.96 | 18.95 | | | | |
| 10 | 64QAM | 25 | 12 | 19.07 | 18.98 | 18.85 | | 19.7 | 0 | |
| 10 | 64QAM | 50 | 0 | 18.92 | 18.73 | 19.17 | | | | |
| 10 | 256QAM | 1 | 0 | 19.02 | 19.02 | 18.94 | | | | |
| 10 | 256QAM | 1 | 24 | 18.90 | 19.02 | 18.75 | | 19.7 | 0 | |
| 10 | 256QAM | 1 | 49 | 18.97 | 18.96 | 18.91 | | | | |
| 10 | 256QAM | 25 | 0 | 18.79 | 18.94 | 18.93 | | | | |
| 10 | 256QAM | 25 | 12 | 18.92 | 18.97 | 18.87 | | 19.7 | 0 | |
| 10 | 256QAM | 25 | 25 | 18.96 | 18.85 | 18.78 | | | | |
| 10 | 256QAM | 50 | 0 | 18.97 | 18.97 | 18.99 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 18.05 | 18.05 | 18.00 | | | | |
| 5 | QPSK | 1 | 12 | 18.03 | 18.92 | 18.10 | | 19.7 | 0 | |
| 5 | QPSK | 1 | 24 | 18.71 | 18.74 | 19.08 | | | | |
| 5 | QPSK | 12 | 0 | 18.00 | 18.00 | 18.00 | | | | |
| 5 | QPSK | 12 | 7 | 19.08 | 18.94 | 18.80 | | | | |
| 5 | QPSK | 12 | 13 | 18.87 | 18.75 | 18.89 | | 19.7 | 0 | |
| 5 | QPSK | 25 | 0 | 19.07 | 18.97 | 18.98 | | | | |
| 5 | 16QAM | 1 | 0 | 18.96 | 18.99 | 19.03 | | | | |
| 5 | 16QAM | 1 | 12 | 18.96 | 18.93 | 19.04 | | 19.7 | 0 | |
| 5 | 16QAM | 1 | 24 | 19.01 | 18.91 | 18.91 | | | | |
| 5 | 16QAM | 12 | 0 | 18.88 | 18.73 | 18.88 | | | | |
| 5 | 16QAM | 12 | 7 | 18.95 | 18.84 | 18.77 | | 19.7 | 0 | |
| 5 | 16QAM | 12 | 13 | 18.86 | 18.82 | 18.78 | | | | |
| 5 | 16QAM | 25 | 0 | 18.82 | 18.84 | 18.99 | | | | |
| 5 | 64QAM | 1 | 0 | 18.91 | 18.76 | 19.01 | | | | |
| 5 | 64QAM | 1 | 12 | 18.80 | 18.96 | 18.88 | | 19.7 | 0 | |
| 5 | 64QAM | 1 | 24 | 19.07 | 18.86 | 18.84 | | | | |
| 5 | 64QAM | 12 | 0 | 18.00 | 18.94 | 18.88 | | | | |
| 5 | 64QAM | 12 | 7 | 19.13 | 19.08 | 18.98 | | 19.7 | 0 | |
| 5 | 64QAM | 12 | 13 | 19.08 | 18.12 | 18.71 | | | | |
| 5 | 64QAM | 25 | 0 | 18.06 | 18.78 | 19.14 | | | | |
| 5 | 256QAM | 1 | 0 | 19.05 | 19.05 | 19.09 | | | | |
| 5 | 256QAM | 1 | 12 | 18.77 | 18.82 | 18.81 | | 19.7 | 0 | |
| 5 | 256QAM | 1 | 24 | 18.99 | 18.94 | 18.75 | | | | |
| 5 | 256QAM | 12 | 0 | 18.86 | 18.94 | 18.87 | | | | |
| 5 | 256QAM | 12 | 7 | 18.85 | 18.97 | 18.80 | | 19.7 | 0 | |
| 5 | 256QAM | 12 | 13 | 18.89 | 18.77 | 18.80 | | | | |
| 5 | 256QAM | 25 | 0 | 18.97 | 19.00 | 18.99 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 18.02 | 18.02 | 18.00 | | | | |
| 3 | QPSK | 1 | 8 | 18.02 | 18.01 | 18.13 | | 19.7 | 0 | |
| 3 | QPSK | 1 | 14 | 18.83 | 18.92 | 18.93 | | | | |
| 3 | QPSK | 8 | 0 | 18.05 | 18.91 | 18.97 | | | | |
| 3 | QPSK | 8 | 4 | 18.99 | 18.95 | 18.90 | | 19.7 | 0 | |
| 3 | QPSK | 8 | 7 | 18.84 | 18.90 | 19.01 | | | | |
| 3 | QPSK | 15 | 0 | 19.09 | 18.91 | 18.97 | | | | |
| 3 | 16QAM | 1 | 0 | 19.00 | 18.13 | 19.11 | | | | |
| 3 | 16QAM | 1 | 8 | 18.84 | 18.88 | 18.89 | | 19.7 | 0 | |
| 3 | 16QAM | 1 | 15 | 19.04 | 19.04 | 19.02 | | | | |
| 3 | 16QAM | 8 | 0 | 18.70 | 18.87 | 19.06 | | | | |
| 3 | 16QAM | 8 | 4 | 18.99 | 18.99 | 18.77 | | 19.7 | 0 | |
| 3 | 16QAM | 8 | 7 | 18.92 | 18.96 | 18.82 | | | | |
| 3 | 64QAM | 1 | 0 | 18.87 | 18.75 | 18.93 | | | | |
| 3 | 64QAM | 1 | 8 | 19.00 | 18.91 | 18.99 | | 19.7 | 0 | |
| 3 | 64QAM | 1 | 14 | 19.00 | 18.81 | 18.98 | | | | |
| 3 | 64QAM | 8 | 0 | 18.87 | 18.92 | 18.89 | | | | |
| 3 | 64QAM | 8 | 4 | 18.11 | 18.11 | 18.94 | | 19. | | |



| Band 38 Ant3 DS15 | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|----------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power High Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 38750 | 38900 | 38150 | | | |
| 20 | QPSK | 1 | 0 | 19.62 | 19.62 | 19.62 | | | |
| 20 | QPSK | 1 | 49 | 19.55 | 19.81 | 19.58 | 20.2 | 0 | |
| 20 | QPSK | 50 | 24 | 19.64 | 19.50 | 19.40 | 20.2 | 0 | |
| 20 | QPSK | 50 | 24 | 19.64 | 19.50 | 19.40 | 20.2 | 0 | |
| 20 | QPSK | 100 | 0 | 19.58 | 19.52 | 19.53 | | | |
| 20 | 16QAM | 1 | 0 | 19.57 | 19.66 | 19.47 | 20.2 | 0 | |
| 20 | 16QAM | 1 | 49 | 19.61 | 19.53 | 19.58 | 20.2 | 0 | |
| 20 | 16QAM | 1 | 99 | 19.67 | 19.58 | 19.62 | | | |
| 20 | 16QAM | 50 | 24 | 19.47 | 19.49 | 19.53 | 20.2 | 0 | |
| 20 | 16QAM | 50 | 24 | 19.46 | 19.52 | 19.47 | 20.2 | 0 | |
| 20 | 16QAM | 100 | 0 | 19.52 | 19.46 | 19.40 | | | |
| 20 | 16QAM | 100 | 0 | 19.52 | 19.46 | 19.40 | | | |
| 20 | 16QAM | 1 | 49 | 19.39 | 19.50 | 19.48 | 20.2 | 0 | |
| 20 | 16QAM | 1 | 99 | 19.37 | 19.52 | 19.45 | | | |
| 20 | 16QAM | 50 | 24 | 19.52 | 19.50 | 19.55 | 20.2 | 0 | |
| 20 | 16QAM | 50 | 24 | 19.49 | 19.49 | 19.53 | | | |
| 20 | 16QAM | 100 | 0 | 19.67 | 19.61 | 19.55 | | | |
| 20 | 16QAM | 100 | 0 | 19.67 | 19.61 | 19.55 | | | |
| 20 | 25QAM | 1 | 0 | 19.52 | 19.49 | 19.59 | | | |
| 20 | 25QAM | 1 | 49 | 19.51 | 19.51 | 19.56 | 20.2 | 0 | |
| 20 | 25QAM | 1 | 99 | 19.45 | 19.40 | 19.68 | | | |
| 20 | 25QAM | 50 | 24 | 19.51 | 19.43 | 19.52 | 20.2 | 0 | |
| 20 | 25QAM | 50 | 24 | 19.51 | 19.43 | 19.52 | 20.2 | 0 | |
| 20 | 25QAM | 100 | 0 | 19.47 | 19.44 | 19.43 | | | |
| 20 | 25QAM | 100 | 0 | 19.58 | 19.53 | 19.58 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 31620 | 31600 | 31710 | Tune-up limit (dBm) | MPR (dB) | |
| 15 | QPSK | 1 | 0 | 19.54 | 19.43 | 19.53 | | | |
| 15 | QPSK | 1 | 37 | 19.56 | 19.47 | 19.39 | 20.2 | 0 | |
| 15 | QPSK | 1 | 74 | 19.33 | 19.54 | 19.33 | | | |
| 15 | QPSK | 36 | 20 | 19.54 | 19.54 | 19.56 | 20.2 | 0 | |
| 15 | QPSK | 36 | 20 | 19.58 | 19.37 | 19.22 | 20.2 | 0 | |
| 15 | QPSK | 75 | 0 | 19.38 | 19.54 | 19.34 | | | |
| 15 | QPSK | 75 | 0 | 19.38 | 19.54 | 19.34 | | | |
| 15 | 16QAM | 1 | 0 | 19.53 | 19.65 | 19.26 | 20.2 | 0 | |
| 15 | 16QAM | 1 | 37 | 19.48 | 19.45 | 19.48 | 20.2 | 0 | |
| 15 | 16QAM | 1 | 74 | 19.55 | 19.42 | 19.42 | | | |
| 15 | 16QAM | 36 | 20 | 19.35 | 19.35 | 19.45 | 20.2 | 0 | |
| 15 | 16QAM | 36 | 20 | 19.40 | 19.33 | 19.45 | 20.2 | 0 | |
| 15 | 16QAM | 36 | 39 | 19.52 | 19.32 | 19.36 | | | |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.39 | 19.29 | | | |
| 15 | 16QAM | 75 | 0 | 19.33 | 19.39 | 19.47 | | | |
| 15 | 16QAM | 75 | 0 | 19.40 | 19.33 | 19.45 | | | |
| 15 | 16QAM | 1 | 37 | 19.20 | 19.39 | 19.29 | | | |
| 15 | 16QAM | 1 | 74 | 19.54 | 19.36 | 19.46 | | | |
| 15 | 16QAM | 36 | 20 | 19.30 | 19.42 | 19.45 | 20.2 | 0 | |
| 15 | 16QAM | 36 | 20 | 19.41 | 19.50 | 19.45 | 20.2 | 0 | |
| 15 | 16QAM | 36 | 39 | 19.52 | 19.42 | 19.42 | | | |
| 15 | 16QAM | 75 | 0 | 19.25 | 19.37 | 19.24 | | | |
| 15 | 25QAM | 1 | 0 | 19.39 | 19.47 | 19.48 | 20.2 | 0 | |
| 15 | 25QAM | 1 | 37 | 19.50 | 19.45 | 19.45 | 20.2 | 0 | |
| 15 | 25QAM | 1 | 74 | 19.33 | 19.38 | 19.67 | | | |
| 15 | 25QAM | 36 | 20 | 19.48 | 19.46 | 19.52 | 20.2 | 0 | |
| 15 | 25QAM | 36 | 20 | 19.45 | 19.25 | 19.44 | | | |
| 15 | 25QAM | 36 | 39 | 19.32 | 19.22 | 19.39 | | | |
| 15 | 25QAM | 75 | 0 | 19.54 | 19.34 | 19.54 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 25720 | 25660 | 25710 | Tune-up limit (dBm) | MPR (dB) | |
| 10 | QPSK | 1 | 0 | 19.56 | 19.67 | 19.66 | | | |
| 10 | QPSK | 1 | 25 | 19.33 | 19.59 | 19.38 | 20.2 | 0 | |
| 10 | QPSK | 1 | 49 | 19.33 | 19.61 | 19.38 | | | |
| 10 | QPSK | 25 | 12 | 19.62 | 19.46 | 19.46 | 20.2 | 0 | |
| 10 | QPSK | 25 | 12 | 19.54 | 19.36 | 19.20 | | | |
| 10 | QPSK | 25 | 25 | 19.69 | 19.41 | 19.39 | | | |
| 10 | 16QAM | 1 | 0 | 19.44 | 19.58 | 19.32 | 20.2 | 0 | |
| 10 | 16QAM | 1 | 0 | 19.40 | 19.51 | 19.33 | | | |
| 10 | 16QAM | 1 | 25 | 19.48 | 19.50 | 19.53 | 20.2 | 0 | |
| 10 | 16QAM | 1 | 49 | 19.49 | 19.40 | 19.50 | | | |
| 10 | 16QAM | 25 | 0 | 19.40 | 19.39 | 19.50 | | | |
| 10 | 16QAM | 25 | 12 | 19.29 | 19.56 | 19.49 | 20.2 | 0 | |
| 10 | 16QAM | 25 | 12 | 19.45 | 19.47 | 19.37 | | | |
| 10 | 16QAM | 25 | 25 | 19.16 | 19.35 | 19.55 | | | |
| 10 | 16QAM | 1 | 0 | 19.32 | 19.30 | 19.43 | 20.2 | 0 | |
| 10 | 16QAM | 1 | 25 | 19.24 | 19.32 | 19.47 | 20.2 | 0 | |
| 10 | 16QAM | 1 | 49 | 19.36 | 19.44 | 19.25 | | | |
| 10 | 16QAM | 25 | 0 | 19.46 | 19.56 | 19.59 | | | |
| 10 | 16QAM | 25 | 12 | 19.42 | 19.36 | 19.36 | 20.2 | 0 | |
| 10 | 16QAM | 25 | 25 | 19.29 | 19.47 | 19.57 | | | |
| 10 | 16QAM | 50 | 0 | 19.66 | 19.49 | 19.50 | | | |
| 10 | 25QAM | 1 | 0 | 19.49 | 19.37 | 19.59 | | | |
| 10 | 25QAM | 1 | 25 | 19.62 | 19.42 | 19.36 | 20.2 | 0 | |
| 10 | 25QAM | 1 | 49 | 19.40 | 19.31 | 19.55 | | | |
| 10 | 25QAM | 25 | 0 | 19.50 | 19.44 | 19.45 | 20.2 | 0 | |
| 10 | 25QAM | 25 | 12 | 19.40 | 19.30 | 19.54 | | | |
| 10 | 25QAM | 25 | 25 | 19.47 | 19.30 | 19.41 | 20.2 | 0 | |
| 10 | 25QAM | 50 | 0 | 19.38 | 19.37 | 19.68 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 26720 | 26660 | 26710 | Tune-up limit (dBm) | MPR (dB) | |
| 5 | QPSK | 1 | 0 | 19.40 | 19.48 | 19.62 | | | |
| 5 | QPSK | 1 | 19 | 19.43 | 19.42 | 19.41 | 20.2 | 0 | |
| 5 | QPSK | 1 | 24 | 19.45 | 19.46 | 19.46 | | | |
| 5 | QPSK | 12 | 0 | 19.62 | 19.57 | 19.63 | 20.2 | 0 | |
| 5 | QPSK | 12 | 7 | 19.63 | 19.51 | 19.24 | | | |
| 5 | QPSK | 12 | 19 | 19.56 | 19.54 | 19.52 | | | |
| 5 | QPSK | 25 | 0 | 19.50 | 19.46 | 19.44 | 20.2 | 0 | |
| 5 | QPSK | 25 | 0 | 19.38 | 19.59 | 19.46 | | | |
| 5 | 16QAM | 1 | 12 | 19.49 | 19.63 | 19.44 | 20.2 | 0 | |
| 5 | 16QAM | 1 | 24 | 19.57 | 19.48 | 19.60 | | | |
| 5 | 16QAM | 12 | 0 | 19.28 | 19.49 | 19.33 | | | |
| 5 | 16QAM | 12 | 7 | 19.38 | 19.43 | 19.31 | 20.2 | 0 | |
| 5 | 16QAM | 12 | 13 | 19.44 | 19.39 | 19.25 | | | |
| 5 | 16QAM | 25 | 0 | 19.31 | 19.41 | 19.51 | | | |
| 5 | 16QAM | 1 | 0 | 19.69 | 19.38 | 19.41 | 20.2 | 0 | |
| 5 | 16QAM | 1 | 12 | 19.18 | 19.31 | 19.32 | | | |
| 5 | 16QAM | 1 | 24 | 19.58 | 19.40 | 19.23 | | | |
| 5 | 16QAM | 12 | 0 | 19.50 | 19.47 | 19.47 | | | |
| 5 | 16QAM | 12 | 7 | 19.43 | 19.31 | 19.43 | 20.2 | 0 | |
| 5 | 16QAM | 12 | 13 | 19.39 | 19.34 | 19.50 | 20.2 | 0 | |
| 5 | 16QAM | 25 | 0 | 19.33 | 19.53 | 19.56 | | | |
| 5 | 25QAM | 1 | 0 | 19.38 | 19.50 | 19.52 | | | |
| 5 | 25QAM | 1 | 12 | 19.47 | 19.42 | 19.49 | 20.2 | 0 | |
| 5 | 25QAM | 1 | 24 | 19.40 | 19.19 | 19.50 | | | |
| 5 | 25QAM | 12 | 0 | 19.36 | 19.47 | 19.36 | | | |
| 5 | 25QAM | 12 | 7 | 19.46 | 19.42 | 19.48 | 20.2 | 0 | |
| 5 | 25QAM | 12 | 13 | 19.31 | 19.37 | 19.36 | | | |
| 5 | 25QAM | 25 | 0 | 19.54 | 19.40 | 19.40 | | | |

| Band 41 Ant3 DS15 | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|----------------------|----------------------|---------------------|----------|---------------------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power High Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 40186 | 40620 | 41056 | 41492 | |
| 20 | QPSK | 1 | 0 | 21.16 | 21.20 | 21.23 | 21.15 | 21.16 | |
| 20 | QPSK | 1 | 49 | 21.12 | 21.14 | 21.03 | 21.00 | 21.18 | 21.7 |
| 20 | QPSK | 1 | 99 | 21.08 | 20.92 | 21.09 | 21.10 | 20.97 | |
| 20 | QPSK | 50 | 24 | 21.10 | 21.10 | 21.20 | 21.16 | 21.14 | |
| 20 | QPSK | 50 | 24 | 21.12 | 21.17 | 21.11 | 20.98 | 21.10 | 21.7 |
| 20 | QPSK | 100 | 0 | 21.08 | 21.02 | 20.94 | 21.15 | 21.15 | |
| 20 | QPSK | 100 | 0 | 21.15 | 21.15 | 21.17 | 21.13 | 21.11 | |
| 20 | 16QAM | 1 | 0 | 21.12 | 21.06 | 21.05 | 21.02 | 21.05 | 21.7 |
| 20 | 16QAM | 1 | 49 | 21.08 | 21.05 | 21.14 | 20.96 | 21.05 | |
| 20 | 16QAM | 1 | 99 | 21.09 | 21.01 | 21.10 | 21.13 | 20.91 | |
| 20 | 16QAM | 50 | 24 | 20.97 | 20.94 | 20.92 | 21.15 | 21.05 | 21.7 |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.06 | 21.11 | 21.00 | 20.97 | |
| 20 | 16QAM | 100 | 0 | 20.97 | 20.96 | 20.94 | 20.98 | 20.90 | |
| 20 | 16QAM | 100 | 0 | 20.91 | 20.89 | 21.07 | 21.07 | 20.91 | |
| 20 | 16QAM | 1 | 49 | 20.98 | 20.88 | 20.90 | 20.96 | 20.86 | 21.7 |
| 20 | 16QAM | 1 | 99 | 20.95 | 20.97 | 21.02 | 21.13 | 21.05 | |
| 20 | 16QAM | 50 | 24 | 21.03 | 21.00 | 21.11 | 20.97 | 20.90 | |
| 20 | 16QAM | 50 | 24 | 21.10 | 21.21 | 20.99 | 21.09 | 21.18 | 21.7 |
| 20 | 16QAM | 100 | 0 | 20.93 | 20.93 | 21.01 | 21.03 | 21.02 | |
| 20 | 16QAM | 100 | 0 | 20.98 | 21.08 | 21.13 | 20.99 | 21.20 | |
| 20 | 25QAM | 1 | 0 | 20.93 | 19.80 | 20.93 | 19.98 | 19.92 | |
| 20 | 25QAM | 1 | 49 | 19.94 | 19.82 | 19.93 | 19.85 | 19.95 | 20.7 |
| 20 | 25QAM | 1 | 99 | 19.80 | 19.78 | 19.86 | 19.75 | 19.76 | |
| 20 | 25QAM | 50 | 24 | 20.93 | 21.12 | 20.96 | 20.86 | 19.88 | |
| 20 | 25QAM | 50 | 24 | 19.96 | 19.90 | 20.04 | 19.96 | 19.90 | 20.7 |
| 20 | 25QAM | 50 | 24 | 20.01 | 19.81 | 20.05 | 20.06 | 19.83 | |
| 20 | 25QAM | 100 | 0 | 19.95 | 19.95 | 19.95 | 19.95 | 19.95 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 39750 | 40173 | 40620 | 41056 | 41492 | Tune-up limit (dBm) |
| 16 | QPSK | 1 | 0 | 21.04 | 21.03 | 21.03 | 21.13 | 21.13 | MPR (dB) |
| 16 | QPSK | 1 | 37 | 20.91 | 21.12 | 20.87 | 21.04 | 20.96 | 22 |
| 16 | QPSK | 1 | 74 | 21.08 | 20.88 | 21.10 | 21.00 | 20.90 | |
| 16 | QPSK | 36 | 20 | 21.08 | 21.16 | 21.03 | 21.12 | | |



GSMT900 Arah DBS

| GSMT900 | Batal Average Power (dBm) | | | Turn-up Limit (dBm) | Frame Average Power (dBm) | | | Turn-up Limit (dBm) |
|-----------------|---------------------------|-------|-------|---------------------|---------------------------|-------|-------|---------------------|
| | 912 | 960 | 910 | | 912 | 960 | 910 | |
| TX Channel | 1652 | 1600 | 1600 | | 1602 | 1600 | 1600 | |
| Frequency (MHz) | 21.27 | 21.40 | 21.52 | 22.00 | 19.27 | 19.40 | 19.50 | 20.00 |
| OPRS 1 Tx Watt | 23.20 | 20.40 | 20.31 | 20.00 | 19.20 | 19.40 | 19.31 | 20.00 |
| OPRS 2 Tx Watt | 20.20 | 20.40 | 20.17 | 20.00 | 19.20 | 19.30 | 19.17 | 20.00 |
| OPRS 3 Tx Watt | 20.40 | 20.01 | 20.30 | 20.70 | 19.20 | 19.20 | 19.10 | 20.44 |
| OPRS 4 Tx Watt | 22.21 | 22.00 | 22.12 | 22.00 | 19.21 | 19.30 | 19.12 | 20.00 |
| EDGE 1 Tx Watt | 21.22 | 21.40 | 21.10 | 21.00 | 19.22 | 19.30 | 19.10 | 19.00 |
| EDGE 2 Tx Watt | 21.35 | 21.01 | 21.27 | 22.00 | 19.35 | 19.01 | 19.27 | 19.00 |
| EDGE 3 Tx Watt | 19.41 | 19.00 | 19.46 | 20.00 | 18.40 | 18.00 | 18.46 | 19.44 |
| EDGE 4 Tx Watt | 19.37 | 18.00 | 18.34 | 19.00 | 18.37 | 18.00 | 18.34 | 18.00 |

WCDMA II Arah DBS

| Band | WCDMA II | | | Turn-up Limit (dBm) | WCDMA II | | | Turn-up Limit (dBm) | |
|-----------------|----------------------|-------|--------|---------------------|----------|--------|--------|---------------------|-------|
| | 9602 | 9600 | 9698 | | 1412 | 1413 | 1413 | | |
| TX Channel | 9602 | 9600 | 9698 | | 1412 | 1413 | 1413 | | |
| Frequency (MHz) | 1652.4 | 1660 | 1607.6 | | 1712.4 | 1716.5 | 1704.6 | | |
| ISPP Full 00 | 18.08 | 18.12 | 18.07 | 18.00 | 17.18 | 17.26 | 17.21 | 18.00 | |
| ISPP Full 01 | 18.00 | 18.11 | 18.08 | 18.00 | 17.09 | 17.07 | 17.23 | 18.00 | |
| ISPP Full 8 | 17.00 | 17.08 | 16.96 | 18.00 | 16.97 | 16.22 | 16.09 | 17.00 | |
| ISPP Full 9 | 16.00 | 17.21 | 16.07 | 18.00 | 16.13 | 16.11 | 16.00 | 17.00 | |
| ISPP Full 6 | 16.47 | 16.69 | 16.71 | 18.00 | 16.85 | 16.82 | 16.85 | 17.00 | |
| ISPP Full 7 | 16.54 | 16.72 | 16.82 | 18.00 | 16.74 | 16.72 | 16.76 | 17.00 | |
| ISPP Full 8 | 17.20 | 17.08 | 17.21 | 18.00 | 16.22 | 16.25 | 16.26 | 17.00 | |
| ISPP Full 8 | DC-HSPA Subcar-2 | 16.88 | 17.03 | 17.04 | 18.00 | 16.61 | 16.08 | 16.11 | 17.00 |
| ISPP Full 8 | DC-HSPA Subcar-3 | 16.41 | 16.07 | 16.40 | 18.00 | 16.71 | 15.00 | 16.76 | 17.00 |
| ISPP Full 8 | DC-HSPA Subcar-4 | 16.60 | 16.72 | 16.62 | 18.00 | 16.52 | 15.88 | 15.82 | 17.00 |
| ISPP Full 8 | HSPA Subcar-1 | 17.21 | 17.21 | 17.05 | 18.00 | 16.46 | 16.24 | 16.26 | 17.00 |
| ISPP Full 8 | HSPA Subcar-2 | 16.14 | 14.04 | 16.12 | 18.00 | 14.27 | 14.21 | 14.20 | 16.00 |
| ISPP Full 8 | HSPA Subcar-3 | 16.02 | 16.10 | 16.02 | 17.00 | 16.10 | 15.20 | 15.04 | 16.00 |
| ISPP Full 8 | HSPA Subcar-4 | 15.70 | 15.11 | 14.80 | 16.00 | 14.00 | 14.30 | 14.01 | 15.00 |
| ISPP Full 8 | HSPA Subcar-5 | 17.05 | 17.04 | 17.10 | 18.00 | 16.08 | 16.22 | 16.28 | 17.00 |
| ISPP Full 1 | HSPA (HSPA) Subcar-1 | 14.48 | 14.70 | 14.51 | 16.00 | 13.70 | 13.70 | 13.68 | 16.00 |



| Band 2 Ant4 DS15 | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Med Ch / Freq | Power High Ch / Freq | Turn-up limit (dB) | MPE (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 17.41 | 17.45 | 17.43 | | | |
| 20 | QPSK | 1 | 40 | 17.42 | 17.24 | 17.30 | 19 | 0 | |
| 20 | QPSK | 1 | 99 | 17.19 | 17.37 | 17.20 | | | |
| 20 | QPSK | 50 | 0 | 17.34 | 17.43 | 17.23 | | | |
| 20 | QPSK | 50 | 24 | 17.27 | 17.34 | 17.30 | 19 | 0 | |
| 20 | QPSK | 50 | 50 | 17.40 | 17.41 | 17.31 | | | |
| 20 | QPSK | 100 | 0 | 17.30 | 17.40 | 17.35 | | | |
| 20 | HQAM | 1 | 0 | 17.33 | 17.43 | 17.39 | | | |
| 20 | HQAM | 1 | 49 | 17.27 | 17.41 | 17.40 | 19 | 0 | |
| 20 | HQAM | 1 | 99 | 17.38 | 17.34 | 17.38 | | | |
| 20 | HQAM | 50 | 0 | 17.38 | 17.22 | 17.30 | | | |
| 20 | HQAM | 50 | 24 | 17.38 | 17.20 | 17.11 | 19 | 0 | |
| 20 | HQAM | 50 | 50 | 17.22 | 17.35 | 17.22 | | | |
| 20 | HQAM | 100 | 0 | 17.20 | 17.40 | 17.30 | | | |
| 20 | HQAM | 1 | 0 | 17.38 | 17.38 | 17.40 | | | |
| 20 | HQAM | 1 | 49 | 17.20 | 17.30 | 17.35 | 19 | 0 | |
| 20 | HQAM | 50 | 0 | 17.32 | 17.28 | 17.30 | | | |
| 20 | HQAM | 50 | 24 | 17.30 | 17.26 | 17.22 | 19 | 0 | |
| 20 | HQAM | 50 | 50 | 17.22 | 17.21 | 17.24 | | | |
| 20 | HQAM | 100 | 0 | 17.40 | 17.33 | 17.41 | | | |
| 20 | SSBQAM | 1 | 0 | 17.20 | 17.40 | 17.40 | | | |
| 20 | SSBQAM | 1 | 49 | 17.39 | 17.28 | 17.33 | 19 | 0 | |
| 20 | SSBQAM | 1 | 99 | 17.28 | 17.19 | 17.40 | | | |
| 20 | SSBQAM | 50 | 0 | 17.20 | 17.43 | 17.22 | | | |
| 20 | SSBQAM | 50 | 24 | 17.37 | 17.28 | 17.28 | 19 | 0 | |
| 20 | SSBQAM | 50 | 50 | 17.25 | 17.24 | 17.40 | | | |
| 20 | SSBQAM | 100 | 0 | 17.20 | 17.28 | 17.28 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.36 | 17.38 | 17.39 | | | |
| 15 | QPSK | 1 | 37 | 17.31 | 17.12 | 17.22 | 19 | 0 | |
| 15 | QPSK | 1 | 74 | 17.08 | 17.29 | 17.20 | | | |
| 15 | QPSK | 36 | 0 | 17.19 | 17.43 | 17.14 | | | |
| 15 | QPSK | 36 | 20 | 17.29 | 17.32 | 17.38 | 19 | 0 | |
| 15 | QPSK | 36 | 36 | 17.40 | 17.37 | 17.23 | | | |
| 15 | HQAM | 1 | 0 | 17.30 | 17.40 | 17.30 | | | |
| 15 | HQAM | 1 | 74 | 17.25 | 17.19 | 17.24 | 19 | 0 | |
| 15 | HQAM | 36 | 0 | 17.11 | 17.19 | 17.33 | | | |
| 15 | HQAM | 36 | 20 | 17.18 | 17.03 | 17.11 | 19 | 0 | |
| 15 | HQAM | 36 | 36 | 17.11 | 17.25 | 17.38 | | | |
| 15 | HQAM | 75 | 0 | 17.21 | 17.36 | 17.25 | | | |
| 15 | HQAM | 1 | 0 | 17.22 | 17.38 | 17.30 | | | |
| 15 | HQAM | 1 | 37 | 17.28 | 17.13 | 17.23 | 19 | 0 | |
| 15 | HQAM | 1 | 74 | 17.25 | 17.00 | 17.15 | | | |
| 15 | HQAM | 36 | 0 | 17.18 | 17.16 | 17.17 | | | |
| 15 | HQAM | 36 | 20 | 17.28 | 17.09 | 17.40 | 19 | 0 | |
| 15 | HQAM | 36 | 36 | 17.05 | 17.21 | 17.17 | | | |
| 15 | HQAM | 75 | 0 | 17.36 | 17.20 | 17.30 | | | |
| 15 | SSBQAM | 1 | 0 | 17.21 | 17.16 | 17.29 | | | |
| 15 | SSBQAM | 1 | 37 | 17.25 | 17.24 | 17.20 | 19 | 0 | |
| 15 | SSBQAM | 1 | 74 | 17.19 | 17.17 | 17.36 | | | |
| 15 | SSBQAM | 36 | 0 | 17.20 | 17.26 | 17.28 | | | |
| 15 | SSBQAM | 36 | 20 | 17.24 | 17.17 | 17.18 | 19 | 0 | |
| 15 | SSBQAM | 36 | 36 | 17.25 | 17.22 | 17.23 | | | |
| 15 | SSBQAM | 75 | 0 | 17.29 | 17.20 | 17.35 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 17.41 | 17.29 | 17.29 | | | |
| 10 | QPSK | 1 | 25 | 17.34 | 17.11 | 17.23 | 19 | 0 | |
| 10 | QPSK | 1 | 49 | 17.20 | 17.35 | 17.14 | | | |
| 10 | QPSK | 25 | 0 | 17.28 | 17.40 | 17.17 | | | |
| 10 | QPSK | 25 | 12 | 17.24 | 17.31 | 17.20 | 19 | 0 | |
| 10 | QPSK | 25 | 25 | 17.36 | 17.43 | 17.27 | | | |
| 10 | HQAM | 1 | 0 | 17.28 | 17.38 | 17.30 | | | |
| 10 | HQAM | 1 | 25 | 17.19 | 17.26 | 17.31 | 19 | 0 | |
| 10 | HQAM | 1 | 49 | 17.18 | 17.33 | 17.29 | | | |
| 10 | HQAM | 25 | 0 | 17.07 | 17.05 | 17.23 | | | |
| 10 | HQAM | 25 | 12 | 17.19 | 17.17 | 17.04 | 19 | 0 | |
| 10 | HQAM | 25 | 25 | 17.05 | 17.31 | 17.25 | | | |
| 10 | HQAM | 50 | 0 | 17.04 | 17.24 | 17.20 | | | |
| 10 | HQAM | 1 | 0 | 17.31 | 17.29 | 17.40 | | | |
| 10 | HQAM | 1 | 25 | 17.13 | 17.26 | 17.28 | 19 | 0 | |
| 10 | HQAM | 1 | 49 | 17.21 | 17.09 | 17.18 | | | |
| 10 | HQAM | 25 | 0 | 17.18 | 17.24 | 17.22 | | | |
| 10 | HQAM | 25 | 12 | 17.11 | 17.28 | 17.20 | 19 | 0 | |
| 10 | HQAM | 25 | 25 | 17.11 | 17.21 | 17.25 | | | |
| 10 | HQAM | 50 | 0 | 17.26 | 17.32 | 17.24 | | | |
| 10 | SSBQAM | 1 | 0 | 17.08 | 17.11 | 17.28 | | | |
| 10 | SSBQAM | 1 | 25 | 17.27 | 17.23 | 17.28 | 19 | 0 | |
| 10 | SSBQAM | 1 | 49 | 17.12 | 17.13 | 17.37 | | | |
| 10 | SSBQAM | 25 | 0 | 17.23 | 17.32 | 17.24 | | | |
| 10 | SSBQAM | 25 | 12 | 17.32 | 17.14 | 17.25 | 19 | 0 | |
| 10 | SSBQAM | 25 | 25 | 17.24 | 17.38 | 17.34 | | | |
| 10 | SSBQAM | 50 | 0 | 17.27 | 17.27 | 17.28 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 17.42 | 17.33 | 17.43 | | | |
| 5 | QPSK | 1 | 12 | 17.43 | 17.24 | 17.30 | 19 | 0 | |
| 5 | QPSK | 1 | 24 | 17.18 | 17.36 | 17.15 | | | |
| 5 | QPSK | 12 | 0 | 17.28 | 17.40 | 17.17 | | | |
| 5 | QPSK | 12 | 7 | 17.17 | 17.16 | 17.26 | 19 | 0 | |
| 5 | QPSK | 12 | 13 | 17.37 | 17.39 | 17.28 | | | |
| 5 | QPSK | 25 | 0 | 17.34 | 17.26 | 17.27 | | | |
| 5 | HQAM | 1 | 0 | 17.19 | 17.43 | 17.17 | | | |
| 5 | HQAM | 1 | 12 | 17.16 | 17.35 | 17.26 | 19 | 0 | |
| 5 | HQAM | 1 | 24 | 17.28 | 17.18 | 17.23 | | | |
| 5 | HQAM | 12 | 0 | 17.03 | 17.18 | 17.21 | | | |
| 5 | HQAM | 12 | 7 | 17.19 | 17.20 | 17.09 | 19 | 0 | |
| 5 | HQAM | 12 | 13 | 17.08 | 17.19 | 17.09 | | | |
| 5 | HQAM | 25 | 0 | 17.13 | 17.31 | 17.20 | | | |
| 5 | HQAM | 1 | 0 | 17.36 | 17.21 | 17.36 | | | |
| 5 | HQAM | 1 | 12 | 17.22 | 17.18 | 17.28 | 19 | 0 | |
| 5 | HQAM | 1 | 24 | 17.28 | 17.39 | 17.21 | | | |
| 5 | HQAM | 12 | 0 | 17.33 | 17.25 | 17.26 | | | |
| 5 | HQAM | 12 | 7 | 17.23 | 17.13 | 17.29 | 19 | 0 | |
| 5 | HQAM | 12 | 13 | 17.22 | 17.20 | 17.18 | | | |
| 5 | HQAM | 25 | 0 | 17.28 | 17.33 | 17.40 | | | |
| 5 | SSBQAM | 1 | 0 | 17.15 | 17.28 | 17.28 | | | |
| 5 | SSBQAM | 1 | 12 | 17.24 | 17.28 | 17.22 | 19 | 0 | |
| 5 | SSBQAM | 1 | 24 | 17.16 | 17.07 | 17.37 | | | |
| 5 | SSBQAM | 12 | 0 | 17.20 | 17.26 | 17.24 | | | |
| 5 | SSBQAM | 12 | 7 | 17.36 | 17.24 | 17.07 | 19 | 0 | |
| 5 | SSBQAM | 12 | 13 | 17.26 | 17.25 | 17.26 | | | |
| 5 | SSBQAM | 25 | 0 | 17.32 | 17.20 | 17.29 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 17.23 | 17.30 | 17.41 | | | |
| 3 | QPSK | 1 | 6 | 17.28 | 17.24 | 17.38 | 19 | 0 | |
| 3 | QPSK | 1 | 14 | 17.18 | 17.31 | 17.11 | | | |
| 3 | QPSK | 6 | 0 | 17.24 | 17.28 | 17.08 | | | |
| 3 | QPSK | 6 | 4 | 17.22 | 17.19 | 17.37 | 19 | 0 | |
| 3 | QPSK | 6 | 7 | 17.28 | 17.41 | 17.27 | | | |
| 3 | QPSK | 15 | 0 | 17.23 | 17.28 | 17.28 | | | |
| 3 | HQAM | 1 | 0 | 17.22 | 17.29 | 17.14 | | | |
| 3 | HQAM | 1 | 6 | 17.26 | 17.28 | 17.35 | 19 | 0 | |
| 3 | HQAM | 6 | 0 | 17.06 | 17.05 | 17.23 | | | |
| 3 | HQAM | 6 | 4 | 17.28 | 17.24 | 17.05 | 19 | 0 | |
| 3 | HQAM | 15 | 0 | 17.13 | 17.23 | 17.06 | | | |
| 3 | HQAM | 1 | 0 | 17.22 | 17.27 | 17.33 | | | |
| 3 | HQAM | 1 | 6 | 17.26 | 17.19 | 17.30 | 19 | 0 | |
| 3 | HQAM | 6 | 0 | 17.06 | 17.25 | 17.23 | | | |
| 3 | HQAM | 6 | 4 | 17.31 | 17.22 | 17.31 | | | |
| 3 | HQAM | 15 | 0 | 17.28 | 17.14 | 17.17 | 19 | 0 | |
| 3 | HQAM | 1 | 0 | 17.33 | 17.21 | 17.28 | | | |
| 3 | HQAM | 6 | 7 | 17.08 | 17.25 | 17.19 | 19 | 0 | |
| 3 | HQAM | 15 | 0 | 17.28 | 17.09 | 17.40 | | | |
| 3 | SSBQAM | 1 | 0 | 17.04 | 17.20 | 17.28 | | | |
| 3 | SSBQAM | 1 | 6 | 17.28 | 17.27 | 17.28 | 19 | 0 | |
| 3 | SSBQAM | 1 | 14 | 17.28 | 17.06 | 17.26 | | | |
| 3 | SSBQAM | 6 | 0 | 17.28 | 17.43 | 17.25 | | | |
| 3 | SSBQAM | 6 | 4 | 17.22 | 17.10 | 17.26 | 19 | 0 | |
| 3 | SSBQAM | 15 | 0 | 17.23 | 17.11 | 17.28 | | | |
| 3 | SSBQAM | 15 | 0 | 17.23 | 17.25 | 17.23 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 17.41 | 17.39 | 17.41 | | | |
| | | | | | | | | | |



| Band 7 Ant4 DS15 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|---------------------|----------------------|-------------------|----------|--|--|
| BM (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Turn-up Int. (dB) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 17.21 | 17.24 | 17.17 | | | | |
| 20 | QPSK | 1 | 49 | 16.99 | 17.11 | 16.81 | 18 | 0 | | |
| 20 | QPSK | 50 | 0 | 17.02 | 17.22 | 17.18 | | | | |
| 20 | QPSK | 50 | 24 | 17.07 | 17.21 | 16.90 | | | | |
| 20 | QPSK | 50 | 50 | 17.18 | 17.20 | 16.98 | 18 | 0 | | |
| 20 | QPSK | 100 | 0 | 17.14 | 17.19 | 17.08 | | | | |
| 20 | HQAM | 1 | 0 | 16.97 | 17.00 | 17.09 | | | | |
| 20 | HQAM | 1 | 49 | 17.07 | 17.07 | 17.18 | 18 | 0 | | |
| 20 | HQAM | 1 | 99 | 17.10 | 17.22 | 17.15 | | | | |
| 20 | HQAM | 50 | 0 | 16.92 | 17.08 | 17.02 | | | | |
| 20 | HQAM | 50 | 24 | 17.05 | 17.08 | 16.93 | 18 | 0 | | |
| 20 | HQAM | 50 | 50 | 17.16 | 17.18 | 16.93 | | | | |
| 20 | HQAM | 100 | 0 | 16.96 | 16.99 | 17.06 | | | | |
| 20 | HQAM | 100 | 0 | 16.97 | 17.00 | 17.09 | | | | |
| 20 | HQAM | 100 | 0 | 17.13 | 17.11 | 17.08 | | | | |
| 20 | HQAM | 100 | 0 | 17.02 | 17.08 | 17.07 | 18 | 0 | | |
| 20 | HQAM | 100 | 0 | 16.99 | 17.20 | 17.19 | | | | |
| 20 | HQAM | 100 | 0 | 17.01 | 16.99 | 16.92 | 18 | 0 | | |
| 20 | HQAM | 100 | 0 | 16.96 | 16.99 | 17.06 | | | | |
| 20 | HQAM | 100 | 0 | 17.13 | 16.95 | 17.17 | | | | |
| 20 | HQAM | 100 | 0 | 16.98 | 16.99 | 17.16 | | | | |
| 20 | HQAM | 100 | 0 | 17.21 | 17.05 | 17.02 | 18 | 0 | | |
| 20 | HQAM | 100 | 0 | 17.01 | 16.99 | 17.17 | | | | |
| 20 | HQAM | 100 | 0 | 16.96 | 17.01 | 17.02 | | | | |
| 20 | HQAM | 100 | 0 | 17.11 | 16.94 | 17.02 | 18 | 0 | | |
| 20 | HQAM | 100 | 0 | 16.97 | 17.08 | 17.01 | | | | |
| 20 | HQAM | 100 | 0 | 17.11 | 16.92 | 17.13 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.09 | 17.15 | 17.05 | | | | |
| 15 | QPSK | 1 | 37 | 17.12 | 17.04 | 16.99 | 18 | 0 | | |
| 15 | QPSK | 1 | 74 | 16.79 | 17.08 | 16.74 | | | | |
| 15 | QPSK | 36 | 0 | 16.93 | 17.14 | 17.19 | | | | |
| 15 | QPSK | 36 | 24 | 17.01 | 17.02 | 16.91 | | | | |
| 15 | QPSK | 36 | 39 | 17.03 | 17.11 | 16.88 | 18 | 0 | | |
| 15 | QPSK | 75 | 0 | 17.05 | 17.08 | 16.99 | | | | |
| 15 | HQAM | 1 | 0 | 16.91 | 16.92 | 16.92 | | | | |
| 15 | HQAM | 1 | 37 | 17.08 | 16.88 | 17.18 | 18 | 0 | | |
| 15 | HQAM | 1 | 74 | 16.97 | 17.04 | 16.92 | | | | |
| 15 | HQAM | 36 | 0 | 16.79 | 16.90 | 17.00 | | | | |
| 15 | HQAM | 36 | 20 | 16.87 | 16.92 | 16.90 | 18 | 0 | | |
| 15 | HQAM | 36 | 39 | 16.90 | 16.99 | 16.99 | | | | |
| 15 | HQAM | 75 | 0 | 16.99 | 17.17 | 17.04 | | | | |
| 15 | HQAM | 1 | 0 | 17.04 | 17.01 | 16.91 | | | | |
| 15 | HQAM | 1 | 37 | 17.05 | 16.90 | 17.09 | 18 | 0 | | |
| 15 | HQAM | 1 | 74 | 16.93 | 16.92 | 16.95 | | | | |
| 15 | HQAM | 36 | 0 | 16.90 | 17.08 | 17.17 | | | | |
| 15 | HQAM | 36 | 20 | 16.95 | 16.95 | 16.95 | 18 | 0 | | |
| 15 | HQAM | 36 | 39 | 16.95 | 16.95 | 17.14 | | | | |
| 15 | HQAM | 75 | 0 | 17.08 | 16.78 | 17.08 | | | | |
| 15 | HQAM | 1 | 0 | 16.94 | 16.98 | 16.91 | | | | |
| 15 | HQAM | 1 | 37 | 17.11 | 16.99 | 16.89 | 18 | 0 | | |
| 15 | HQAM | 1 | 74 | 16.87 | 16.81 | 17.11 | | | | |
| 15 | HQAM | 36 | 0 | 16.75 | 16.92 | 16.85 | | | | |
| 15 | HQAM | 36 | 20 | 17.10 | 16.90 | 16.85 | 18 | 0 | | |
| 15 | HQAM | 36 | 39 | 16.89 | 17.03 | 16.92 | | | | |
| 15 | HQAM | 75 | 0 | 16.90 | 16.86 | 17.13 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 17.16 | 17.08 | 17.00 | | | | |
| 10 | QPSK | 1 | 25 | 17.13 | 16.93 | 17.01 | 18 | 0 | | |
| 10 | QPSK | 1 | 49 | 16.79 | 17.05 | 16.87 | | | | |
| 10 | QPSK | 25 | 0 | 16.94 | 16.99 | 16.99 | | | | |
| 10 | QPSK | 25 | 12 | 16.99 | 17.10 | 16.79 | | | | |
| 10 | QPSK | 25 | 25 | 17.17 | 17.05 | 16.83 | 18 | 0 | | |
| 10 | QPSK | 50 | 0 | 16.94 | 16.99 | 17.00 | | | | |
| 10 | HQAM | 1 | 0 | 16.79 | 16.89 | 16.88 | | | | |
| 10 | HQAM | 1 | 25 | 16.94 | 17.04 | 17.16 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 16.96 | 16.99 | | | | |
| 10 | HQAM | 25 | 0 | 16.70 | 16.89 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.89 | 16.95 | 16.76 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |
| 10 | HQAM | 25 | 25 | 16.76 | 16.90 | 16.86 | | | | |
| 10 | HQAM | 50 | 0 | 16.93 | 17.13 | 16.94 | | | | |
| 10 | HQAM | 1 | 0 | 16.98 | 17.07 | 16.94 | | | | |
| 10 | HQAM | 1 | 25 | 16.97 | 16.99 | 16.99 | 18 | 0 | | |
| 10 | HQAM | 1 | 49 | 16.96 | 17.01 | 17.04 | | | | |
| 10 | HQAM | 25 | 0 | 16.88 | 17.08 | 16.99 | | | | |
| 10 | HQAM | 25 | 12 | 16.98 | 16.76 | 16.73 | 18 | 0 | | |



GSMB1000 Ant5 Default

| GSMB1000 Tx Channel | Burst Average Power (dBm) | | | Turn-up Limit (dBm) | Frame Average Power (dBm) | | | Turn-up Limit (dBm) |
|------------------------|---------------------------|-------|--------|---------------------------|---------------------------|-------|--------|---------------------------|
| | 1952 | 1961 | 1970 | | 1952 | 1961 | 1970 | |
| Frequency (MHz) | 1952.2 | 1961 | 1969.8 | | 1952.2 | 1961 | 1969.8 | |
| OPRS 1 Tx Watt | 23.92 | 30.03 | 23.94 | 31.00 | 20.92 | 21.03 | 20.94 | 22.00 |
| OPRS 2 Tx Watt | 24.89 | 26.62 | 26.37 | 28.00 | 20.89 | 20.62 | 20.37 | 22.00 |
| OPRS 3 Tx Watt | 24.78 | 25.08 | 24.88 | 26.00 | 20.78 | 20.08 | 20.88 | 21.84 |
| OPRS 4 Tx Watt | 23.41 | 23.76 | 23.67 | 25.00 | 20.41 | 20.76 | 20.67 | 22.00 |
| EDGE 1 Tx Watt | 23.47 | 22.88 | 22.59 | 27.00 | 18.47 | 18.88 | 18.59 | 18.00 |
| EDGE 2 Tx Watt | 22.50 | 22.84 | 22.75 | 24.00 | 18.50 | 18.84 | 18.75 | 18.00 |
| EDGE 3 Tx Watt | 18.87 | 17.89 | 17.81 | 26.00 | 16.87 | 16.89 | 16.78 | 17.84 |
| EDGE 4 Tx Watt | 18.46 | 18.76 | 18.70 | 21.00 | 16.46 | 16.76 | 16.70 | 18.00 |

WCDMA II Ant5 OSS

| Burst Tx Channel | WCDMA II | | | Turn-up Limit (dBm) | WCDMA II Ant5 OSS | | | Turn-up Limit (dBm) |
|---------------------------------|----------|-------|--------|---------------------------|-------------------|-------|--------|---------------------------|
| | 9682 | 9690 | 9698 | | 1432 | 1443 | 1453 | |
| Frequency (MHz) | 1952.4 | 1960 | 1967.6 | | 1952.4 | 1960 | 1967.6 | |
| SOPF Full 00 AMR 12 20bps | 21.83 | 21.71 | 21.58 | 22.50 | 21.50 | 21.55 | 21.52 | 22.50 |
| SOPF Full 01 AMR 12 20bps | 21.84 | 21.72 | 21.60 | 22.50 | 21.51 | 21.57 | 21.54 | 22.50 |
| SOPF Full 8 HSPA Subset 1 | 20.58 | 20.78 | 20.87 | 21.50 | 20.47 | 20.57 | 20.36 | 21.50 |
| SOPF Full 8 HSPA Subset 2 | 20.53 | 20.87 | 20.55 | 21.50 | 20.53 | 20.85 | 20.45 | 21.50 |
| SOPF Full 8 HSPA Subset 3 | 19.95 | 20.00 | 20.05 | 21.00 | 19.97 | 19.86 | 19.91 | 21.00 |
| SOPF Full 8 HSPA Subset 4 | 20.02 | 20.05 | 20.20 | 21.00 | 19.99 | 19.92 | 20.06 | 21.00 |
| SOPF Full 8 DC-HSPA Subset 1 | 20.82 | 20.53 | 20.85 | 21.50 | 20.58 | 20.50 | 20.64 | 21.50 |
| SOPF Full 8 DC-HSPA Subset 2 | 20.41 | 20.63 | 20.40 | 21.50 | 20.21 | 20.55 | 20.28 | 21.50 |
| SOPF Full 8 DC-HSPA Subset 3 | 20.05 | 20.00 | 20.00 | 21.00 | 19.95 | 20.11 | 19.86 | 21.00 |
| SOPF Full 8 DC-HSPA Subset 4 | 20.05 | 20.38 | 20.01 | 21.00 | 19.93 | 20.02 | 19.82 | 21.00 |
| SOPF Full 8 HSPA Subset 1 | 18.48 | 18.47 | 18.48 | 21.00 | 18.28 | 18.50 | 18.28 | 21.00 |
| SOPF Full 8 HSPA Subset 2 | 18.08 | 18.57 | 18.79 | 19.00 | 18.09 | 18.44 | 18.51 | 18.00 |
| SOPF Full 8 HSPA Subset 3 | 19.52 | 19.60 | 19.47 | 20.50 | 19.45 | 19.58 | 19.59 | 20.50 |
| SOPF Full 8 HSPA Subset 4 | 18.82 | 18.83 | 18.82 | 19.00 | 18.49 | 18.58 | 18.49 | 19.00 |
| SOPF Full 8 HSPA Subset 5 | 20.52 | 20.75 | 20.37 | 21.50 | 20.57 | 20.57 | 20.52 | 21.50 |
| SOPF Full 1 HSPA WCDMA Subset 1 | 17.80 | 18.00 | 18.14 | 19.00 | 17.56 | 18.12 | 17.80 | 19.00 |



| Band 2 Ant5 DS15 | | | | | | | | | | |
|------------------|------------|---------|-----------|----------------------|----------------------|-----------------------|--------------------|----------|----|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq. | Power Mid Ch / Freq. | Power High Ch / Freq. | Turn-up limit (dB) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.63 | 22.68 | 22.65 | | | | |
| 20 | QPSK | 1 | 49 | 22.41 | 22.41 | 22.47 | 23.2 | 0 | | |
| 20 | QPSK | 1 | 99 | 22.44 | 22.43 | 22.28 | | | | |
| 20 | QPSK | 50 | 0 | 22.59 | 22.64 | 22.37 | | | | |
| 20 | QPSK | 50 | 24 | 22.52 | 22.48 | 22.37 | | | | |
| 20 | QPSK | 50 | 50 | 22.38 | 22.44 | 22.29 | 23.2 | 0 | | |
| 20 | QPSK | 100 | 0 | 22.63 | 22.58 | 22.45 | | | | |
| 20 | HQAM | 1 | 0 | 22.79 | 22.32 | 22.29 | | | | |
| 20 | HQAM | 1 | 49 | 22.27 | 22.39 | 22.38 | 23.2 | 0 | | |
| 20 | HQAM | 1 | 99 | 22.68 | 22.55 | 22.43 | | | | |
| 20 | HQAM | 50 | 0 | 22.67 | 22.52 | 22.40 | | | | |
| 20 | HQAM | 50 | 24 | 22.28 | 22.34 | 22.22 | 23.2 | 0 | | |
| 20 | HQAM | 50 | 50 | 22.66 | 22.60 | 22.46 | | | | |
| 20 | HQAM | 100 | 0 | 22.68 | 22.45 | 22.31 | | | | |
| 20 | HQAM | 1 | 0 | 22.92 | 22.55 | 22.38 | | | | |
| 20 | HQAM | 1 | 49 | 22.23 | 22.51 | 22.21 | 23.2 | 0 | | |
| 20 | HQAM | 1 | 99 | 22.28 | 22.39 | 22.33 | | | | |
| 20 | HQAM | 50 | 0 | 21.99 | 22.04 | 21.91 | | | | |
| 20 | HQAM | 50 | 24 | 21.91 | 21.94 | 21.86 | 22.7 | 0.5 | | |
| 20 | HQAM | 50 | 50 | 21.85 | 21.85 | 21.78 | | | | |
| 20 | HQAM | 100 | 0 | 22.15 | 22.23 | 22.25 | | | | |
| 20 | SSBQAM | 1 | 0 | 19.23 | 20.12 | 19.60 | | | | |
| 20 | SSBQAM | 1 | 49 | 19.79 | 19.96 | 19.90 | 20.7 | 2.5 | | |
| 20 | SSBQAM | 1 | 99 | 20.05 | 19.85 | 19.69 | | | | |
| 20 | SSBQAM | 50 | 0 | 19.83 | 19.83 | 19.83 | | | | |
| 20 | SSBQAM | 50 | 24 | 19.96 | 20.03 | 19.88 | 20.7 | 2.5 | | |
| 20 | SSBQAM | 50 | 50 | 19.88 | 20.02 | 19.88 | | | | |
| 20 | SSBQAM | 100 | 0 | 20.02 | 19.87 | 19.72 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.41 | 22.52 | 22.26 | | | | |
| 15 | QPSK | 1 | 37 | 22.29 | 22.50 | 22.29 | 23.2 | 0 | | |
| 15 | QPSK | 1 | 74 | 22.41 | 22.25 | 22.11 | | | | |
| 15 | QPSK | 36 | 0 | 22.19 | 22.81 | 22.27 | | | | |
| 15 | QPSK | 36 | 20 | 22.31 | 22.29 | 22.24 | 23.2 | 0 | | |
| 15 | QPSK | 36 | 36 | 22.31 | 22.28 | 22.28 | | | | |
| 15 | HQAM | 1 | 0 | 22.33 | 22.81 | 22.29 | | | | |
| 15 | HQAM | 1 | 74 | 22.41 | 22.12 | 22.02 | 23.2 | 0 | | |
| 15 | HQAM | 36 | 0 | 22.18 | 22.48 | 22.18 | | | | |
| 15 | HQAM | 36 | 20 | 22.28 | 22.24 | 22.15 | 23.2 | 0 | | |
| 15 | HQAM | 36 | 36 | 22.27 | 22.27 | 22.26 | | | | |
| 15 | HQAM | 75 | 0 | 22.10 | 22.44 | 22.12 | | | | |
| 15 | HQAM | 1 | 0 | 22.57 | 22.44 | 22.35 | | | | |
| 15 | HQAM | 1 | 37 | 22.23 | 22.38 | 22.32 | 23.2 | 0 | | |
| 15 | HQAM | 1 | 74 | 22.10 | 22.31 | 22.25 | | | | |
| 15 | HQAM | 36 | 0 | 21.81 | 21.88 | 21.79 | 22.7 | 0.5 | | |
| 15 | HQAM | 36 | 20 | 21.88 | 21.86 | 21.80 | | | | |
| 15 | HQAM | 36 | 36 | 21.74 | 21.88 | 21.81 | | | | |
| 15 | HQAM | 75 | 0 | 21.94 | 22.08 | 21.90 | | | | |
| 15 | SSBQAM | 1 | 0 | 19.23 | 20.02 | 19.60 | | | | |
| 15 | SSBQAM | 1 | 37 | 19.75 | 19.90 | 19.90 | 20.7 | 2.5 | | |
| 15 | SSBQAM | 1 | 74 | 19.84 | 19.84 | 19.87 | | | | |
| 15 | SSBQAM | 50 | 0 | 20.01 | 19.87 | 19.83 | | | | |
| 15 | SSBQAM | 50 | 20 | 19.98 | 20.01 | 19.87 | 20.7 | 2.5 | | |
| 15 | SSBQAM | 50 | 36 | 19.85 | 19.87 | 19.81 | | | | |
| 15 | SSBQAM | 100 | 0 | 19.89 | 19.74 | 19.65 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 22.44 | 22.51 | 22.24 | | | | |
| 10 | QPSK | 1 | 25 | 22.29 | 22.35 | 22.29 | 23.2 | 0 | | |
| 10 | QPSK | 1 | 49 | 22.39 | 22.41 | 22.22 | | | | |
| 10 | QPSK | 25 | 0 | 22.13 | 22.41 | 22.13 | | | | |
| 10 | QPSK | 25 | 12 | 22.13 | 22.31 | 22.28 | 23.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 22.23 | 22.40 | 22.14 | | | | |
| 10 | HQAM | 1 | 0 | 22.48 | 22.46 | 22.29 | | | | |
| 10 | HQAM | 1 | 25 | 22.15 | 22.27 | 22.28 | 23.2 | 0 | | |
| 10 | HQAM | 1 | 49 | 22.25 | 22.31 | 22.26 | | | | |
| 10 | HQAM | 25 | 0 | 22.48 | 22.46 | 22.29 | | | | |
| 10 | HQAM | 25 | 12 | 22.18 | 22.45 | 22.42 | 23.2 | 0 | | |
| 10 | HQAM | 25 | 25 | 22.11 | 22.24 | 22.08 | | | | |
| 10 | HQAM | 50 | 0 | 22.38 | 22.47 | 22.21 | | | | |
| 10 | HQAM | 50 | 12 | 22.21 | 22.38 | 22.22 | 23.2 | 0 | | |
| 10 | HQAM | 1 | 0 | 22.36 | 22.35 | 22.19 | | | | |
| 10 | HQAM | 1 | 25 | 22.10 | 22.30 | 22.21 | 23.2 | 0 | | |
| 10 | HQAM | 1 | 49 | 22.10 | 22.35 | 22.25 | | | | |
| 10 | HQAM | 25 | 0 | 21.81 | 21.86 | 21.74 | 22.7 | 0.5 | | |
| 10 | HQAM | 25 | 12 | 21.84 | 21.84 | 21.85 | | | | |
| 10 | HQAM | 25 | 25 | 21.77 | 21.81 | 21.81 | | | | |
| 10 | HQAM | 50 | 0 | 21.96 | 22.04 | 21.87 | | | | |
| 10 | SSBQAM | 1 | 0 | 20.05 | 19.90 | 19.74 | | | | |
| 10 | SSBQAM | 1 | 25 | 19.82 | 19.81 | 19.88 | 20.7 | 2.5 | | |
| 10 | SSBQAM | 1 | 49 | 19.84 | 19.71 | 19.63 | | | | |
| 10 | SSBQAM | 25 | 0 | 19.83 | 19.87 | 19.82 | | | | |
| 10 | SSBQAM | 25 | 12 | 19.85 | 19.95 | 19.70 | 20.7 | 2.5 | | |
| 10 | SSBQAM | 25 | 25 | 19.67 | 19.94 | 19.75 | | | | |
| 10 | SSBQAM | 50 | 0 | 19.82 | 19.87 | 19.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 22.42 | 22.58 | 22.47 | | | | |
| 5 | QPSK | 1 | 12 | 22.19 | 22.33 | 22.21 | 23.2 | 0 | | |
| 5 | QPSK | 1 | 24 | 22.44 | 22.37 | 22.25 | | | | |
| 5 | QPSK | 12 | 0 | 22.11 | 22.81 | 22.18 | | | | |
| 5 | QPSK | 12 | 7 | 22.28 | 22.29 | 22.32 | 23.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 22.22 | 22.33 | 22.15 | | | | |
| 5 | QPSK | 15 | 0 | 22.41 | 22.40 | 22.26 | | | | |
| 5 | HQAM | 1 | 0 | 22.17 | 22.31 | 22.41 | | | | |
| 5 | HQAM | 1 | 12 | 22.28 | 22.41 | 22.36 | 23.2 | 0 | | |
| 5 | HQAM | 1 | 24 | 22.17 | 22.41 | 22.38 | | | | |
| 5 | HQAM | 12 | 0 | 22.25 | 22.45 | 22.21 | | | | |
| 5 | HQAM | 12 | 7 | 22.20 | 22.21 | 22.20 | 23.2 | 0 | | |
| 5 | HQAM | 12 | 13 | 22.40 | 22.42 | 22.44 | | | | |
| 5 | HQAM | 25 | 0 | 22.19 | 22.45 | 22.34 | | | | |
| 5 | HQAM | 1 | 0 | 22.18 | 22.58 | 22.31 | | | | |
| 5 | HQAM | 1 | 12 | 22.29 | 22.37 | 22.14 | 23.2 | 0 | | |
| 5 | HQAM | 1 | 24 | 22.09 | 22.19 | 22.20 | | | | |
| 5 | HQAM | 12 | 0 | 21.86 | 21.90 | 21.80 | 22.7 | 0.5 | | |
| 5 | HQAM | 12 | 7 | 21.89 | 21.82 | 21.80 | | | | |
| 5 | HQAM | 12 | 13 | 21.84 | 21.81 | 21.80 | | | | |
| 5 | HQAM | 25 | 0 | 21.99 | 22.04 | 21.87 | | | | |
| 5 | SSBQAM | 1 | 0 | 19.82 | 20.00 | 19.82 | | | | |
| 5 | SSBQAM | 1 | 12 | 19.86 | 19.85 | 19.69 | 20.7 | 2.5 | | |
| 5 | SSBQAM | 1 | 24 | 19.86 | 19.85 | 19.86 | | | | |
| 5 | SSBQAM | 12 | 0 | 19.82 | 20.06 | 19.85 | | | | |
| 5 | SSBQAM | 12 | 7 | 19.93 | 19.84 | 19.85 | 20.7 | 2.5 | | |
| 5 | SSBQAM | 12 | 13 | 19.81 | 19.94 | 19.75 | | | | |
| 5 | SSBQAM | 25 | 0 | 19.91 | 19.97 | 19.93 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 22.42 | 22.50 | 22.25 | | | | |
| 3 | QPSK | 1 | 6 | 22.28 | 22.41 | 22.20 | 23.2 | 0 | | |
| 3 | QPSK | 1 | 14 | 22.44 | 22.27 | 22.27 | | | | |
| 3 | QPSK | 3 | 0 | 22.49 | 22.50 | 22.19 | | | | |
| 3 | QPSK | 3 | 4 | 22.24 | 22.28 | 22.28 | 23.2 | 0 | | |
| 3 | QPSK | 3 | 7 | 22.27 | 22.27 | 22.12 | | | | |
| 3 | QPSK | 15 | 0 | 22.52 | 22.53 | 22.46 | | | | |
| 3 | HQAM | 1 | 0 | 22.09 | 22.33 | 22.19 | | | | |
| 3 | HQAM | 1 | 6 | 22.19 | 22.25 | 22.25 | 23.2 | 0 | | |
| 3 | HQAM | 1 | 14 | 22.45 | 22.48 | 22.21 | | | | |
| 3 | HQAM | 3 | 0 | 22.21 | 22.34 | 22.42 | | | | |
| 3 | HQAM | 3 | 4 | 22.22 | 22.32 | 22.15 | 23.2 | 0 | | |
| 3 | HQAM | 3 | 7 | 22.45 | 22.39 | 22.46 | | | | |
| 3 | HQAM | 15 | 0 | 22.10 | 22.41 | 22.20 | | | | |
| 3 | HQAM | 1 | 0 | 22.41 | 22.36 | 22.28 | | | | |
| 3 | HQAM | 1 | 6 | 22.12 | 22.49 | 22.28 | 23.2 | 0 | | |
| 3 | HQAM | 1 | 14 | 22.11 | 22.27 | 22.24 | | | | |
| 3 | HQAM | 3 | 0 | 21.88 | 22.00 | 21.78 | 22.7 | 0.5 | </ | |



| Band 7 Ant5 DSIS | | | | | | | | | | |
|--------------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|--|
| BM (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Turn-up limit (dB) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 21.23 | 21.25 | 21.25 | 21.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 21.12 | 21.24 | 21.24 | 21.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 21.12 | 21.03 | 20.92 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 21.16 | 21.21 | 21.09 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 24 | 21.03 | 21.18 | 21.12 | 21.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 21.04 | 20.94 | 20.80 | 21.7 | 0 | | |
| 20 | QPSK | 100 | 0 | 21.11 | 21.18 | 21.05 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 0 | 21.08 | 21.04 | 21.04 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 49 | 21.13 | 20.97 | 20.85 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 99 | 21.01 | 21.10 | 21.03 | 21.7 | 0 | | |
| 20 | HQAM | 50 | 0 | 20.81 | 21.08 | 21.03 | 21.7 | 0 | | |
| 20 | HQAM | 50 | 24 | 21.07 | 21.02 | 21.00 | 21.7 | 0 | | |
| 20 | HQAM | 50 | 50 | 20.90 | 21.03 | 20.96 | 21.7 | 0 | | |
| 20 | HQAM | 100 | 0 | 21.01 | 21.07 | 21.11 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 0 | 21.14 | 20.92 | 21.12 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 49 | 20.90 | 20.87 | 21.01 | 21.7 | 0 | | |
| 20 | HQAM | 1 | 99 | 21.05 | 21.11 | 21.20 | 21.7 | 0 | | |
| 20 | HQAM | 50 | 24 | 21.14 | 21.12 | 20.95 | 21.7 | 0 | | |
| 20 | HQAM | 50 | 50 | 20.95 | 21.09 | 21.07 | 21.7 | 0 | | |
| 20 | HQAM | 100 | 0 | 21.18 | 20.92 | 21.00 | 21.7 | 0 | | |
| 20 | SSQAM | 1 | 49 | 20.94 | 20.17 | 20.11 | 20.7 | 1 | | |
| 20 | SSQAM | 1 | 99 | 19.96 | 20.10 | 20.02 | 20.7 | 1 | | |
| 20 | SSQAM | 50 | 24 | 20.00 | 20.13 | 20.04 | 20.7 | 1 | | |
| 20 | SSQAM | 50 | 50 | 20.08 | 20.13 | 20.12 | 20.7 | 1 | | |
| 20 | SSQAM | 100 | 0 | 20.15 | 20.11 | 20.12 | 20.7 | 1 | | |
| Channel | | | | | | | | | | |
| 2527.5 2538 2542.5 | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.18 | 21.09 | 21.01 | 21.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 20.94 | 20.78 | 21.04 | 21.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 20.91 | 20.83 | 20.80 | 21.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 21.02 | 21.20 | 20.92 | 21.7 | 0 | | |
| 15 | QPSK | 36 | 24 | 20.83 | 21.01 | 20.98 | 21.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 20.94 | 20.87 | 20.74 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 0 | 20.94 | 21.07 | 21.15 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 37 | 20.88 | 21.04 | 20.93 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 74 | 21.07 | 20.97 | 20.88 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 0 | 20.81 | 20.93 | 20.83 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 24 | 20.88 | 21.01 | 20.95 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 39 | 20.76 | 20.89 | 20.82 | 21.7 | 0 | | |
| 15 | HQAM | 75 | 0 | 20.84 | 20.92 | 20.89 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 0 | 20.92 | 20.84 | 21.01 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 37 | 20.84 | 20.87 | 20.89 | 21.7 | 0 | | |
| 15 | HQAM | 1 | 74 | 20.89 | 20.77 | 20.82 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 0 | 20.96 | 21.00 | 21.09 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 24 | 20.85 | 21.00 | 20.94 | 21.7 | 0 | | |
| 15 | HQAM | 36 | 39 | 20.97 | 21.05 | 20.95 | 21.7 | 0 | | |
| 15 | HQAM | 75 | 0 | 20.98 | 20.87 | 20.81 | 21.7 | 0 | | |
| 15 | SSQAM | 1 | 49 | 20.88 | 20.08 | 20.08 | 20.7 | 1 | | |
| 15 | SSQAM | 1 | 99 | 19.99 | 20.13 | 19.97 | 20.7 | 1 | | |
| 15 | SSQAM | 1 | 74 | 19.83 | 20.02 | 19.92 | 20.7 | 1 | | |
| 15 | SSQAM | 36 | 0 | 19.86 | 20.08 | 19.88 | 20.7 | 1 | | |
| 15 | SSQAM | 36 | 24 | 19.95 | 20.05 | 20.01 | 20.7 | 1 | | |
| 15 | SSQAM | 36 | 39 | 19.97 | 20.02 | 19.87 | 20.7 | 1 | | |
| 15 | SSQAM | 75 | 0 | 19.92 | 19.87 | 19.85 | 20.7 | 1 | | |
| Channel | | | | | | | | | | |
| 2080 2100 2140 | | | | | | | | | | |
| 2525 2535 2545 | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 21.02 | 21.02 | 21.02 | 21.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 21.09 | 20.87 | 20.96 | 21.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 21.06 | 20.99 | 20.82 | 21.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 21.09 | 21.14 | 20.97 | 21.7 | 0 | | |
| 10 | QPSK | 25 | 12 | 20.91 | 21.06 | 20.94 | 21.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 20.93 | 20.83 | 20.66 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 0 | 20.92 | 21.04 | 20.84 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 25 | 21.09 | 20.83 | 20.83 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 49 | 21.05 | 21.00 | 21.01 | 21.7 | 0 | | |
| 10 | HQAM | 25 | 12 | 20.92 | 21.01 | 20.81 | 21.7 | 0 | | |
| 10 | HQAM | 25 | 25 | 20.83 | 20.98 | 20.85 | 21.7 | 0 | | |
| 10 | HQAM | 50 | 0 | 20.98 | 20.91 | 21.10 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 0 | 20.97 | 20.71 | 21.04 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 25 | 20.76 | 20.73 | 20.88 | 21.7 | 0 | | |
| 10 | HQAM | 1 | 49 | 20.94 | 20.72 | 20.87 | 21.7 | 0 | | |
| 10 | HQAM | 25 | 0 | 20.86 | 21.12 | 21.02 | 21.7 | 0 | | |
| 10 | HQAM | 25 | 12 | 21.08 | 21.06 | 20.90 | 21.7 | 0 | | |
| 10 | HQAM | 25 | 25 | 20.88 | 21.08 | 20.94 | 21.7 | 0 | | |
| 10 | HQAM | 50 | 0 | 21.14 | 20.71 | 20.93 | 21.7 | 0 | | |
| 10 | SSQAM | 1 | 0 | 19.99 | 20.17 | 20.10 | 20.7 | 1 | | |
| 10 | SSQAM | 1 | 25 | 20.00 | 20.10 | 20.05 | 20.7 | 1 | | |
| 10 | SSQAM | 1 | 49 | 19.92 | 20.02 | 19.89 | 20.7 | 1 | | |
| 10 | SSQAM | 25 | 12 | 19.89 | 20.08 | 20.01 | 20.7 | 1 | | |
| 10 | SSQAM | 25 | 25 | 20.05 | 20.02 | 20.04 | 20.7 | 1 | | |
| 10 | SSQAM | 50 | 0 | 20.01 | 20.02 | 19.92 | 20.7 | 1 | | |
| Channel | | | | | | | | | | |
| 2077.5 2100 2142.5 | | | | | | | | | | |
| 2522.5 2538 2547.5 | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 21.06 | 21.21 | 21.06 | 21.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 21.11 | 20.95 | 20.84 | 21.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 21.12 | 20.87 | 20.81 | 21.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 20.84 | 21.01 | 20.81 | 21.7 | 0 | | |
| 5 | QPSK | 12 | 7 | 20.85 | 21.20 | 20.92 | 21.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 21.05 | 20.80 | 20.72 | 21.7 | 0 | | |
| 5 | QPSK | 25 | 0 | 20.92 | 21.00 | 21.15 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 0 | 20.94 | 21.00 | 21.05 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 12 | 20.93 | 20.86 | 20.96 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 24 | 20.91 | 20.98 | 20.87 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 0 | 20.76 | 21.05 | 20.87 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 7 | 20.88 | 20.91 | 20.85 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 13 | 20.74 | 21.06 | 20.73 | 21.7 | 0 | | |
| 5 | HQAM | 25 | 0 | 20.86 | 20.99 | 21.09 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 0 | 21.11 | 20.86 | 21.06 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 12 | 20.82 | 20.69 | 21.03 | 21.7 | 0 | | |
| 5 | HQAM | 1 | 24 | 20.87 | 20.73 | 20.81 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 0 | 20.99 | 21.01 | 21.05 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 7 | 21.14 | 21.04 | 20.89 | 21.7 | 0 | | |
| 5 | HQAM | 12 | 13 | 20.80 | 21.03 | 20.88 | 21.7 | 0 | | |
| 5 | HQAM | 25 | 0 | 21.06 | 20.78 | 20.82 | 21.7 | 0 | | |
| 5 | SSQAM | 1 | 0 | 20.10 | 20.11 | 20.09 | 20.7 | 1 | | |
| 5 | SSQAM | 1 | 12 | 20.00 | 20.12 | 20.04 | 20.7 | 1 | | |
| 5 | SSQAM | 1 | 24 | 19.99 | 19.96 | 19.96 | 20.7 | 1 | | |
| 5 | SSQAM | 12 | 0 | 19.85 | 19.99 | 19.88 | 20.7 | 1 | | |
| 5 | SSQAM | 12 | 7 | 19.95 | 20.00 | 19.96 | 20.7 | 1 | | |
| 5 | SSQAM | 12 | 13 | 19.96 | 20.01 | 20.02 | 20.7 | 1 | | |
| 5 | SSQAM | 25 | 0 | 19.96 | 20.05 | 19.92 | 20.7 | 1 | | |

| Band 66 Ant5 DSIS | | | | | | | | | | |
|--------------------|------------|---------|-----------|---------------------|---------------------|----------------------|--------------------|----------|--|--|
| BM (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Turn-up limit (dB) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.10 | 22.16 | 22.14 | 22.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 22.02 | 21.97 | 22.06 | 22.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 21.88 | 21.96 | 21.78 | 22.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 22.05 | 22.13 | 22.08 | 22.7 | 0 | | |
| 20 | QPSK | 50 | 24 | 21.83 | 21.93 | 21.69 | 22.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 21.96 | 21.82 | 21.84 | 22.7 | 0 | | |
| 20 | QPSK | 100 | 0 | 21.86 | 22.00 | 22.04 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 0 | 22.09 | 21.96 | 22.06 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 49 | 22.09 | 22.07 | 22.01 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 99 | 22.11 | 22.05 | 22.07 | 22.7 | 0 | | |
| 20 | HQAM | 50 | 0 | 21.97 | 21.93 | 22.00 | 22.7 | 0 | | |
| 20 | HQAM | 50 | 24 | 22.08 | 21.83 | 22.01 | 22.7 | 0 | | |
| 20 | HQAM | 50 | 50 | 21.80 | 21.91 | 21.84 | 22.7 | 0 | | |
| 20 | HQAM | 100 | 0 | 21.89 | 21.89 | 21.92 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 0 | 22.00 | 21.99 | 21.96 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 49 | 21.85 | 22.00 | 21.90 | 22.7 | 0 | | |
| 20 | HQAM | 1 | 99 | 22.08 | 21.85 | 21.96 | 22.7 | 0 | | |
| 20 | HQAM | 50 | 24 | 22.11 | 22.07 | 21.90 | 22.7 | 0 | | |
| 20 | HQAM | 50 | 50 | 21.87 | 21.90 | 21.92 | 22.7 | 0 | | |
| 20 | HQAM | 100 | 0 | 22.03 | 22.09 | 22.02 | 22.7 | 0 | | |
| 20 | SSQAM | 1 | 49 | 20.01 | 20.05 | 20.00 | 20.7 | 2 | | |
| 20 | SSQAM | 1 | 99 | 20.09 | 20.07 | 20.15 | 20.7 | 2 | | |
| 20 | SSQAM | 50 | 24 | 19.88 | 20.10 | 19.85 | 20.7 | 2 | | |
| 20 | SSQAM | 50 | 50 | 20.05 | 20.01 | 20.08 | 20.7 | 2 | | |
| 20 | SSQAM | 100 | 0 | 19.87 | 19.84 | 20.01 | 20.7 | 2 | | |
| 20 | SSQAM | 100 | 0 | 20.15 | 20.23 | 20.12 | 20.7 | 2 | | |
| Channel | | | | | | | | | | |
| 13262 13222 13267 | | | | | | | | | | |
| 1717.5 1745 1772.5 | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 21.81 | 22.00 | 22.11 | 22.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 21.87 | 21.89 | 22.00 | 22.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 21.71 | 21.80 | 21.74 | 22.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 22.03 | 22.02 | 21.88 | 22.7 | 0 | | |
| 15 | QPSK | 36 | 24 | 21.72 | 21.75 | 21.86 | 22.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 21.77 | 21.83 | 21.64 | 22.7 | 0 | | |
| 15 | HQAM | 1 | 0 | 21.81 | 21.88 | 21.8 | | | | |



| Band 38 Ant5 DSIS | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 23.11 | 23.15 | 23.14 | 23.7 | 0 | |
| 20 | QPSK | 1 | 49 | 22.85 | 23.07 | 23.07 | | | |
| 20 | QPSK | 50 | 0 | 23.00 | 23.00 | 23.00 | | | |
| 20 | QPSK | 50 | 24 | 23.02 | 22.96 | 22.97 | | | |
| 20 | QPSK | 100 | 0 | 23.03 | 23.12 | 23.09 | | | |
| 20 | 16QAM | 1 | 0 | 22.96 | 22.92 | 23.03 | | | |
| 20 | 16QAM | 1 | 49 | 23.12 | 23.11 | 22.95 | | | |
| 20 | 16QAM | 1 | 99 | 23.08 | 22.91 | 23.05 | | | |
| 20 | 16QAM | 50 | 0 | 23.07 | 23.15 | 23.10 | | | |
| 20 | 16QAM | 50 | 24 | 23.05 | 23.05 | 23.09 | | | |
| 20 | 16QAM | 100 | 0 | 23.05 | 23.11 | 23.07 | | | |
| 20 | 16QAM | 100 | 0 | 23.04 | 23.15 | 23.05 | | | |
| 20 | 16QAM | 1 | 49 | 23.09 | 23.12 | 23.16 | | | |
| 20 | 16QAM | 1 | 99 | 23.04 | 23.10 | 23.14 | | | |
| 20 | 16QAM | 50 | 24 | 22.91 | 22.92 | 23.07 | | | |
| 20 | 16QAM | 50 | 50 | 22.98 | 22.14 | 22.08 | | | |
| 20 | 16QAM | 100 | 0 | 21.96 | 22.10 | 21.93 | | | |
| 20 | 16QAM | 100 | 0 | 19.87 | 20.10 | 19.92 | | | |
| 20 | 256QAM | 1 | 49 | 19.20 | 19.95 | 19.92 | | | |
| 20 | 256QAM | 1 | 99 | 19.82 | 19.97 | 19.88 | | | |
| 20 | 256QAM | 50 | 0 | 20.00 | 20.22 | 20.08 | | | |
| 20 | 256QAM | 50 | 24 | 19.97 | 20.07 | 20.02 | | | |
| 20 | 256QAM | 50 | 50 | 20.02 | 20.04 | 19.90 | | | |
| 20 | 256QAM | 100 | 0 | 20.00 | 20.15 | 20.04 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 22.72 | 22.95 | 22.75 | 23.7 | 0 | |
| 15 | QPSK | 1 | 37 | 22.88 | 22.92 | 22.89 | | | |
| 15 | QPSK | 1 | 74 | 22.86 | 22.99 | 22.90 | | | |
| 15 | QPSK | 36 | 0 | 22.84 | 22.84 | 22.90 | | | |
| 15 | QPSK | 36 | 20 | 23.00 | 22.84 | 22.90 | | | |
| 15 | QPSK | 36 | 39 | 22.91 | 22.95 | 22.79 | | | |
| 15 | QPSK | 75 | 0 | 23.01 | 23.05 | 23.10 | | | |
| 15 | 16QAM | 1 | 0 | 22.86 | 22.84 | 22.95 | | | |
| 15 | 16QAM | 1 | 37 | 23.12 | 23.05 | 22.95 | | | |
| 15 | 16QAM | 1 | 74 | 22.95 | 22.89 | 22.92 | | | |
| 15 | 16QAM | 36 | 0 | 22.83 | 23.04 | 22.97 | | | |
| 15 | 16QAM | 36 | 20 | 22.92 | 22.92 | 22.76 | | | |
| 15 | 16QAM | 36 | 39 | 22.90 | 22.97 | 22.96 | | | |
| 15 | 16QAM | 75 | 0 | 22.96 | 23.12 | 23.08 | | | |
| 15 | 16QAM | 75 | 0 | 23.03 | 23.14 | 23.13 | | | |
| 15 | 16QAM | 1 | 37 | 23.03 | 23.14 | 23.13 | | | |
| 15 | 16QAM | 1 | 74 | 22.99 | 23.11 | 23.11 | | | |
| 15 | 16QAM | 36 | 0 | 21.88 | 21.93 | 21.98 | | | |
| 15 | 16QAM | 36 | 20 | 21.87 | 21.92 | 21.86 | | | |
| 15 | 16QAM | 36 | 39 | 21.88 | 21.96 | 21.88 | | | |
| 15 | 16QAM | 75 | 0 | 21.91 | 22.00 | 21.85 | | | |
| 15 | 256QAM | 1 | 0 | 19.81 | 20.03 | 19.82 | | | |
| 15 | 256QAM | 1 | 37 | 19.82 | 19.86 | 19.85 | | | |
| 15 | 256QAM | 1 | 74 | 19.85 | 19.93 | 19.76 | | | |
| 15 | 256QAM | 36 | 0 | 19.86 | 20.17 | 19.98 | | | |
| 15 | 256QAM | 36 | 20 | 19.88 | 20.02 | 19.91 | | | |
| 15 | 256QAM | 36 | 39 | 19.84 | 19.88 | 19.81 | | | |
| 15 | 256QAM | 75 | 0 | 19.86 | 20.11 | 20.03 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 23.04 | 23.03 | 23.03 | 23.7 | 0 | |
| 10 | QPSK | 1 | 25 | 22.93 | 23.01 | 22.98 | | | |
| 10 | QPSK | 1 | 49 | 22.97 | 23.01 | 22.75 | | | |
| 10 | QPSK | 25 | 0 | 23.07 | 23.06 | 23.06 | | | |
| 10 | QPSK | 25 | 12 | 23.00 | 22.84 | 22.79 | | | |
| 10 | QPSK | 25 | 25 | 23.04 | 22.84 | 22.69 | | | |
| 10 | 16QAM | 1 | 0 | 22.96 | 22.90 | 23.04 | | | |
| 10 | 16QAM | 1 | 0 | 22.97 | 22.90 | 23.04 | | | |
| 10 | 16QAM | 1 | 25 | 23.10 | 23.00 | 22.94 | | | |
| 10 | 16QAM | 1 | 49 | 23.00 | 22.75 | 22.93 | | | |
| 10 | 16QAM | 25 | 0 | 22.98 | 23.11 | 23.07 | | | |
| 10 | 16QAM | 25 | 12 | 22.84 | 22.86 | 22.79 | | | |
| 10 | 16QAM | 25 | 25 | 22.95 | 23.01 | 23.04 | | | |
| 10 | 16QAM | 50 | 0 | 22.91 | 23.03 | 22.88 | | | |
| 10 | 16QAM | 50 | 0 | 23.10 | 23.15 | 23.08 | | | |
| 10 | 16QAM | 1 | 25 | 23.01 | 23.14 | 23.03 | | | |
| 10 | 16QAM | 1 | 49 | 22.96 | 23.09 | 23.05 | | | |
| 10 | 16QAM | 25 | 0 | 21.98 | 22.08 | 21.99 | | | |
| 10 | 16QAM | 25 | 12 | 21.90 | 21.92 | 21.87 | | | |
| 10 | 16QAM | 25 | 25 | 22.03 | 22.02 | 22.00 | | | |
| 10 | 16QAM | 50 | 0 | 21.85 | 21.99 | 21.78 | | | |
| 10 | 256QAM | 1 | 0 | 19.84 | 19.97 | 19.88 | | | |
| 10 | 256QAM | 1 | 25 | 19.81 | 19.92 | 19.87 | | | |
| 10 | 256QAM | 1 | 49 | 19.71 | 19.90 | 19.84 | | | |
| 10 | 256QAM | 25 | 0 | 19.84 | 20.00 | 19.98 | | | |
| 10 | 256QAM | 25 | 12 | 19.90 | 20.00 | 19.84 | | | |
| 10 | 256QAM | 25 | 25 | 19.95 | 19.99 | 19.87 | | | |
| 10 | 256QAM | 50 | 0 | 19.97 | 20.10 | 20.02 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 23.01 | 23.14 | 23.08 | 23.7 | 0 | |
| 5 | QPSK | 1 | 19 | 22.85 | 22.99 | 22.94 | | | |
| 5 | QPSK | 1 | 24 | 23.03 | 22.82 | 22.85 | | | |
| 5 | QPSK | 10 | 0 | 23.04 | 23.10 | 22.97 | | | |
| 5 | QPSK | 10 | 7 | 23.01 | 23.01 | 22.81 | | | |
| 5 | QPSK | 12 | 19 | 23.04 | 23.05 | 22.86 | | | |
| 5 | QPSK | 25 | 0 | 22.96 | 23.13 | 22.89 | | | |
| 5 | 16QAM | 1 | 0 | 22.85 | 22.82 | 23.05 | | | |
| 5 | 16QAM | 1 | 12 | 23.08 | 23.00 | 22.83 | | | |
| 5 | 16QAM | 1 | 24 | 23.03 | 22.70 | 22.86 | | | |
| 5 | 16QAM | 12 | 0 | 23.01 | 23.08 | 22.98 | | | |
| 5 | 16QAM | 12 | 7 | 22.89 | 22.99 | 22.79 | | | |
| 5 | 16QAM | 12 | 13 | 22.85 | 23.04 | 22.93 | | | |
| 5 | 16QAM | 25 | 0 | 22.93 | 23.04 | 22.83 | | | |
| 5 | 16QAM | 1 | 0 | 23.09 | 23.10 | 23.10 | | | |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.12 | 23.02 | | | |
| 5 | 16QAM | 1 | 24 | 22.90 | 23.08 | 23.01 | | | |
| 5 | 16QAM | 10 | 0 | 21.88 | 22.04 | 21.86 | | | |
| 5 | 16QAM | 10 | 7 | 21.88 | 21.99 | 21.84 | | | |
| 5 | 16QAM | 12 | 13 | 21.95 | 21.99 | 21.97 | | | |
| 5 | 16QAM | 25 | 0 | 21.88 | 22.07 | 21.86 | | | |
| 5 | 256QAM | 1 | 0 | 19.91 | 19.99 | 19.79 | | | |
| 5 | 256QAM | 1 | 12 | 19.79 | 19.85 | 19.87 | | | |
| 5 | 256QAM | 1 | 24 | 19.77 | 19.84 | 19.81 | | | |
| 5 | 256QAM | 12 | 0 | 19.97 | 20.10 | 20.03 | | | |
| 5 | 256QAM | 12 | 7 | 19.92 | 20.00 | 19.89 | | | |
| 5 | 256QAM | 12 | 13 | 19.89 | 19.95 | 19.81 | | | |
| 5 | 256QAM | 25 | 0 | 20.01 | 20.07 | 20.00 | | | |

| Band 41 Ant5 DSIS | | | | | | | | | |
|-------------------|------------|---------|-----------|---------------------|---------------------|----------------------|---------------------|----------|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch / Freq | Power Mid Ch / Freq | Power High Ch / Freq | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 22.70 | 22.92 | 22.65 | 23.2 | 0 | |
| 20 | QPSK | 1 | 49 | 22.48 | 22.47 | 22.82 | | | |
| 20 | QPSK | 50 | 0 | 22.83 | 22.81 | 22.40 | | | |
| 20 | QPSK | 50 | 0 | 22.87 | 22.84 | 22.72 | | | |
| 20 | QPSK | 50 | 24 | 22.83 | 22.88 | 22.84 | | | |
| 20 | QPSK | 100 | 0 | 22.84 | 22.82 | 22.42 | | | |
| 20 | QPSK | 100 | 0 | 22.88 | 22.84 | 22.70 | | | |
| 20 | 16QAM | 1 | 0 | 22.97 | 22.45 | 22.46 | | | |
| 20 | 16QAM | 1 | 49 | 22.71 | 22.63 | 22.69 | | | |
| 20 | 16QAM | 1 | 99 | 22.81 | 22.82 | 22.84 | | | |
| 20 | 16QAM | 50 | 0 | 22.45 | 22.55 | 22.46 | | | |
| 20 | 16QAM | 50 | 24 | 22.38 | 22.50 | 22.42 | | | |
| 20 | 16QAM | 50 | 50 | 22.52 | 22.58 | 22.48 | | | |
| 20 | 16QAM | 100 | 0 | 22.25 | 22.28 | 22.45 | | | |
| 20 | 16QAM | 100 | 0 | 22.41 | 22.45 | 22.35 | | | |
| 20 | 16QAM | 1 | 49 | 22.59 | 22.43 | 22.83 | | | |
| 20 | 16QAM | 1 | 99 | 22.45 | 22.43 | 22.37 | | | |
| 20 | 16QAM | 50 | 24 | 21.99 | 21.89 | 22.03 | | | |
| 20 | 16QAM | 50 | 50 | 21.88 | 22.07 | 22.00 | | | |
| 20 | 16QAM | 100 | 0 | 22.07 | 21.96 | 22.07 | | | |
| 20 | 16QAM | 100 | 0 | 19.85 | 20.00 | 20.11 | | | |
| 20 | 256QAM | 1 | 0 | 19.88 | 20.01 | 19.87 | | | |
| 20 | 256QAM | 1 | 99 | 19.92 | 20.14 | 20.04 | | | |
| 20 | 256QAM | 50 | 0 | 19.88 | 19.96 | 19.89 | | | |
| 20 | 256QAM | 50 | 24 | 19.94 | 19.91 | 20.01 | | | |
| 20 | 256QAM | 50 | 50 | 19.99 | 20.09 | 20.14 | | | |
| 20 | 256QAM | 100 | 0 | 19.90 | 20.05 | 20.11 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | |
| 16 | QPSK | 1 | 0 | 22.63 | 22.63 | 22.63 | 23.0 | 0 | |
| 16 | QPSK | 1 | 37 | 22.36 | 22.27 | 22.48 | | | |
| 16 | QPSK | 1 | 74 | 22.40 | 22.26 | 22.34 | | | |
| 16 | QPSK | 36 | 0 | 22.68 | 22.67 | 22.49 | | | |
| 16 | QPSK | 36 | 20 | 22.45 | 22.53 | 22.51 | | | |
| 16 | QPSK | 36 | 39 | 22.47 | 22.52 | 22.50 | | | |
| 16 | QPSK | 75 | 0 | 22.47 | 22.52 | 22.50 | | | |
| 16 | 16QAM | 1 | 0 | 22.20 | 22.48 | 22.30 | | | |
| 16 | 16QAM | 1 | 37 | 22.14 | 22.46 | 22.35 | | | |
| 16 | 16QAM | 1 | 74 | 22.51 | 22.54 | 22.53 | | | |
| 16 | 16QAM | 36 | 0 | 22.37 | 22.19 | 22.44 | | | |
| 16 | 16QAM | 36 | 20 | 22.34 | 22.32 | 22.28 | | | |
| 16 | 16QAM | 36 | 39 | 22.46 | 22.49 | 22.44 | | | |
| 16 | 16QAM | 75 | 0 | 22.09 | 22.26 | 22.53 | | | |
| 16 | 16QAM | 75 | 0 | 22.38 | 22.29 | 22.47 | | | |
| 16 | 16QAM | 1 | 37 | 22.31 | 22.38 | 22.51 | | | |
| 16 | 16QAM | 1 | 74 | 22.36 | 22.42 | 22.19 | | | |
| 16 | 16QAM | 36 | 0 | 21.85 | 22.02 | 21.85 | | | |
| 16 | 16QAM | 36 | 20 | 21.89 | 21.76 | 21.92 | | | |
| 16 | 16QAM | 36 | 39 | 21.89 | 21.82 | 21.81 | | | |
| 16 | 16QAM | 75 | 0 | 21.89 | 21.80 | 21.99 | | | |
| 16 | 16QAM | 75 | 0 | 19.85 | 19.92 | 19.84 | | | |
| 16 | 256QAM | 1 | 0 | 19.85 | 19.89 | 19.87 | | | |
| 16 | 256QAM | 1 | | | | | | | |



Reduced Power Mode for WWAN for DSI 5. Main PA

| Band 4 Ant3 DSS1 | | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|-----------------------|-----------------------|---------------|----------|--|--|
| RF (MHz) | Modulation | RF Size | RF Offset | Power Level Ch / Freq | Power Level Ch / Freq | Power Level Ch / Freq | Time-up (min) | MPR (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 17.91 | 18.12 | 17.98 | | | | |
| 20 | QPSK | 1 | 49 | 17.92 | 18.03 | 18.06 | 18.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 18.02 | 17.93 | 17.90 | | | | |
| 20 | QPSK | 50 | 0 | 17.96 | 18.12 | 17.90 | | | | |
| 20 | QPSK | 50 | 24 | 18.06 | 18.06 | 18.07 | 18.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.01 | 17.78 | 17.77 | | | | |
| 20 | QPSK | 100 | 0 | 17.86 | 18.02 | 17.84 | | | | |
| 20 | 16QAM | 1 | 49 | 17.88 | 18.05 | 17.83 | 18.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 17.91 | 18.06 | 17.91 | | | | |
| 20 | 16QAM | 50 | 0 | 17.76 | 17.96 | 17.75 | | | | |
| 20 | 16QAM | 50 | 24 | 17.85 | 17.69 | 17.94 | 18.7 | 0 | | |
| 20 | 16QAM | 50 | 50 | 17.55 | 17.74 | 17.58 | | | | |
| 20 | 64QAM | 1 | 0 | 17.84 | 17.98 | 18.02 | | | | |
| 20 | 64QAM | 1 | 49 | 17.81 | 18.00 | 17.88 | 18.7 | 0 | | |
| 20 | 64QAM | 1 | 99 | 17.87 | 18.03 | 17.83 | | | | |
| 20 | 64QAM | 50 | 0 | 17.47 | 17.83 | 17.85 | | | | |
| 20 | 64QAM | 50 | 24 | 17.73 | 17.83 | 17.85 | 18.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 17.74 | 17.82 | 17.75 | | | | |
| 20 | 256QAM | 1 | 0 | 17.96 | 18.10 | 18.06 | | | | |
| 20 | 256QAM | 1 | 49 | 17.87 | 18.03 | 17.85 | 18.7 | 0 | | |
| 20 | 256QAM | 1 | 99 | 17.86 | 17.81 | 17.89 | | | | |
| 20 | 256QAM | 50 | 0 | 17.78 | 17.87 | 18.01 | | | | |
| 20 | 256QAM | 50 | 24 | 17.82 | 17.84 | 17.83 | 18.7 | 0 | | |
| 20 | 256QAM | 50 | 50 | 18.01 | 17.83 | 17.76 | | | | |
| 20 | 256QAM | 100 | 0 | 18.05 | 18.07 | 18.11 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.78 | 18.12 | 17.78 | | | | |
| 15 | QPSK | 1 | 39 | 17.73 | 18.08 | 17.73 | 18.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 17.90 | 17.90 | 17.75 | | | | |
| 15 | QPSK | 36 | 0 | 17.97 | 17.96 | 17.78 | | | | |
| 15 | QPSK | 36 | 24 | 17.84 | 17.84 | 17.84 | 18.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 17.84 | 17.97 | 17.75 | | | | |
| 15 | QPSK | 75 | 0 | 17.88 | 17.83 | 17.70 | | | | |
| 15 | 16QAM | 1 | 49 | 17.86 | 17.96 | 17.82 | 18.7 | 0 | | |
| 15 | 16QAM | 1 | 37 | 17.72 | 18.05 | 17.80 | | | | |
| 15 | 16QAM | 1 | 74 | 17.75 | 17.86 | 17.78 | 18.7 | 0 | | |
| 15 | 16QAM | 36 | 0 | 17.81 | 17.89 | 17.88 | | | | |
| 15 | 16QAM | 36 | 20 | 17.59 | 17.82 | 17.80 | | | | |
| 15 | 16QAM | 36 | 39 | 17.48 | 17.68 | 17.49 | 18.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 17.77 | 17.84 | 17.86 | | | | |
| 15 | 64QAM | 1 | 0 | 17.80 | 17.85 | 18.00 | | | | |
| 15 | 64QAM | 1 | 37 | 17.78 | 17.85 | 17.75 | 18.7 | 0 | | |
| 15 | 64QAM | 1 | 74 | 17.70 | 17.82 | 17.82 | | | | |
| 15 | 64QAM | 36 | 0 | 17.43 | 17.64 | 17.65 | | | | |
| 15 | 64QAM | 36 | 20 | 17.56 | 17.66 | 17.50 | 18.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 17.87 | 17.88 | 17.88 | | | | |
| 15 | 64QAM | 75 | 0 | 17.77 | 18.02 | 17.85 | | | | |
| 15 | 256QAM | 1 | 0 | 17.83 | 17.91 | 17.87 | | | | |
| 15 | 256QAM | 1 | 39 | 17.87 | 17.81 | 17.87 | 18.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 17.86 | 17.85 | 17.85 | | | | |
| 15 | 256QAM | 36 | 0 | 17.69 | 17.79 | 17.89 | | | | |
| 15 | 256QAM | 36 | 20 | 17.68 | 17.74 | 17.71 | 18.7 | 0 | | |
| 15 | 256QAM | 36 | 39 | 17.86 | 17.73 | 17.81 | | | | |
| 15 | 256QAM | 75 | 0 | 17.81 | 18.02 | 18.11 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 17.90 | 18.08 | 17.90 | | | | |
| 10 | QPSK | 1 | 39 | 17.82 | 17.98 | 17.88 | 18.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 17.89 | 17.95 | 17.71 | | | | |
| 10 | QPSK | 25 | 0 | 17.86 | 17.86 | 17.77 | | | | |
| 10 | QPSK | 25 | 24 | 17.87 | 17.79 | 17.77 | 18.7 | 0 | | |
| 10 | QPSK | 50 | 0 | 17.84 | 17.88 | 17.76 | | | | |
| 10 | 16QAM | 1 | 26 | 17.86 | 18.06 | 17.73 | 18.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 17.79 | 18.04 | 17.78 | | | | |
| 10 | 16QAM | 25 | 0 | 17.81 | 17.82 | 17.74 | | | | |
| 10 | 16QAM | 25 | 12 | 17.54 | 17.50 | 17.74 | | | | |
| 10 | 16QAM | 25 | 25 | 17.43 | 17.54 | 17.46 | 18.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 17.79 | 17.84 | 17.88 | | | | |
| 10 | 64QAM | 1 | 0 | 17.79 | 17.90 | 17.89 | | | | |
| 10 | 64QAM | 1 | 25 | 17.72 | 17.85 | 17.83 | 18.7 | 0 | | |
| 10 | 64QAM | 1 | 49 | 17.81 | 18.07 | 17.89 | | | | |
| 10 | 64QAM | 25 | 0 | 17.33 | 17.70 | 17.81 | | | | |
| 10 | 64QAM | 25 | 12 | 17.67 | 17.66 | 17.44 | 18.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 17.53 | 17.48 | 17.49 | | | | |
| 10 | 64QAM | 50 | 0 | 17.97 | 18.04 | 17.82 | | | | |
| 10 | 256QAM | 1 | 0 | 17.85 | 17.88 | 17.81 | | | | |
| 10 | 256QAM | 1 | 49 | 17.76 | 17.86 | 17.83 | 18.7 | 0 | | |
| 10 | 256QAM | 1 | 99 | 17.81 | 17.86 | 17.83 | | | | |
| 10 | 256QAM | 50 | 0 | 17.71 | 17.89 | 17.80 | | | | |
| 10 | 256QAM | 50 | 24 | 17.85 | 17.84 | 17.59 | 18.7 | 0 | | |
| 10 | 256QAM | 50 | 25 | 17.85 | 17.74 | 17.59 | | | | |
| 10 | 256QAM | 50 | 50 | 17.84 | 18.05 | 18.11 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 17.80 | 18.13 | 17.82 | | | | |
| 5 | QPSK | 1 | 12 | 17.84 | 17.86 | 17.86 | 18.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 17.83 | 17.90 | 17.92 | | | | |
| 5 | QPSK | 12 | 0 | 17.88 | 18.06 | 17.73 | | | | |
| 5 | QPSK | 12 | 7 | 18.08 | 17.84 | 17.89 | 18.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 17.87 | 17.71 | 17.87 | | | | |
| 5 | QPSK | 25 | 0 | 17.69 | 17.84 | 17.83 | | | | |
| 5 | QPSK | 25 | 0 | 17.70 | 17.85 | 18.08 | | | | |
| 5 | 16QAM | 1 | 12 | 18.01 | 18.09 | 17.88 | 18.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 17.83 | 17.86 | 17.72 | | | | |
| 5 | 16QAM | 12 | 7 | 17.89 | 17.86 | 17.87 | | | | |
| 5 | 16QAM | 12 | 7 | 17.87 | 17.49 | 17.87 | 18.7 | 0 | | |
| 5 | 16QAM | 12 | 13 | 17.69 | 17.60 | 17.81 | | | | |
| 5 | 16QAM | 25 | 0 | 17.82 | 17.74 | 17.82 | | | | |
| 5 | 64QAM | 1 | 0 | 17.73 | 17.88 | 17.96 | | | | |
| 5 | 64QAM | 1 | 12 | 17.88 | 18.03 | 17.81 | 18.7 | 0 | | |
| 5 | 64QAM | 1 | 24 | 17.79 | 17.77 | 17.85 | | | | |
| 5 | 64QAM | 12 | 0 | 17.48 | 17.71 | 17.58 | | | | |
| 5 | 64QAM | 12 | 7 | 17.85 | 17.87 | 17.88 | 18.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 17.82 | 17.41 | 17.86 | | | | |
| 5 | 64QAM | 25 | 0 | 17.87 | 18.10 | 17.77 | | | | |
| 5 | 256QAM | 1 | 0 | 17.89 | 17.89 | 17.89 | | | | |
| 5 | 256QAM | 1 | 12 | 17.89 | 17.81 | 17.86 | 18.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 17.88 | 17.65 | 17.88 | | | | |
| 5 | 256QAM | 12 | 0 | 17.86 | 17.86 | 17.88 | | | | |
| 5 | 256QAM | 12 | 7 | 17.75 | 17.74 | 17.73 | | | | |
| 5 | 256QAM | 12 | 13 | 17.85 | 17.74 | 17.55 | 18.7 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.03 | 18.03 | 18.08 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 1.4 | QPSK | 1 | 0 | 17.91 | 18.06 | 17.85 | | | | |
| 1.4 | QPSK | 1 | 8 | 17.74 | 18.00 | 17.87 | 18.7 | 0 | | |
| 1.4 | QPSK | 1 | 14 | 17.97 | 18.01 | 17.82 | | | | |
| 1.4 | QPSK | 8 | 0 | 17.86 | 18.04 | 17.89 | | | | |
| 1.4 | QPSK | 8 | 4 | 18.08 | 17.81 | 17.88 | 18.7 | 0 | | |
| 1.4 | QPSK | 8 | 7 | 17.91 | 17.80 | 17.77 | | | | |
| 1.4 | QPSK | 15 | 0 | 17.80 | 18.03 | 17.73 | | | | |
| 1.4 | 16QAM | 1 | 8 | 17.77 | 18.07 | 17.69 | 18.7 | 0 | | |
| 1.4 | 16QAM | 8 | 0 | 17.87 | 17.87 | 17.87 | | | | |
| 1.4 | 16QAM | 8 | 4 | 17.81 | 17.85 | 17.81 | | | | |
| 1.4 | 16QAM | 8 | 4 | 17.85 | 17.71 | 17.89 | 18.7 | 0 | | |
| 1.4 | 16QAM | 15 | 0 | 17.80 | 17.75 | 17.85 | | | | |
| 1.4 | 16QAM | 15 | 0 | 17.71 | 17.72 | 17.74 | | | | |
| 1.4 | 64QAM | 1 | 0 | 17.84 | 17.88 | 17.96 | | | | |
| 1.4 | 64QAM | 1 | 8 | 17.80 | 17.89 | 17.89 | 18.7 | 0 | | |
| 1.4 | 64QAM | 1 | 14 | 17.77 | 18.13 | 17.97 | | | | |
| 1.4 | 64QAM | 8 | 0 | 17.30 | 17.68 | 17.47 | | | | |
| 1.4 | 64QAM | 8 | 4 | 17.82 | 17.71 | 17.86 | 18.7 | 0 | | |
| 1.4 | 64QAM | 8 | 7 | 17.87 | | | | | | |



| Band 38 Ant3 DS15 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 37850 | 38000 | 38150 | | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | | |
| 20 | QPSK | 1 | 0 | 18.64 | 18.73 | 18.43 | 19.2 | 0 | | |
| 20 | QPSK | 1 | 49 | 18.39 | 18.52 | 18.41 | | | | |
| 20 | QPSK | 1 | 99 | 18.43 | 18.38 | 18.40 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 0 | 18.33 | 18.69 | 18.53 | | | | |
| 20 | QPSK | 50 | 24 | 18.39 | 18.59 | 18.35 | 19.2 | 0 | | |
| 20 | QPSK | 50 | 50 | 18.44 | 18.51 | 18.28 | | | | |
| 20 | QPSK | 100 | 0 | 18.37 | 18.51 | 18.49 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 0 | 18.31 | 18.42 | 18.45 | | | | |
| 20 | 16QAM | 1 | 49 | 18.26 | 18.37 | 18.51 | 19.2 | 0 | | |
| 20 | 16QAM | 1 | 99 | 18.34 | 18.41 | 18.17 | | | | |
| 20 | 16QAM | 50 | 0 | 18.65 | 18.62 | 18.24 | 19.2 | 0 | | |
| 20 | 16QAM | 50 | 24 | 18.25 | 18.33 | 18.48 | | | | |
| 20 | 16QAM | 50 | 50 | 18.55 | 18.56 | 18.31 | 19.2 | 0 | | |
| 20 | 16QAM | 100 | 0 | 18.41 | 18.62 | 18.58 | | | | |
| 20 | 64QAM | 1 | 0 | 18.56 | 18.65 | 18.50 | 19.2 | 0 | | |
| 20 | 64QAM | 1 | 49 | 18.36 | 18.54 | 18.35 | | | | |
| 20 | 64QAM | 1 | 99 | 18.61 | 18.28 | 18.43 | 19.2 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.43 | 18.61 | 18.45 | | | | |
| 20 | 64QAM | 50 | 24 | 18.29 | 18.39 | 18.19 | 19.2 | 0 | | |
| 20 | 64QAM | 50 | 50 | 18.45 | 18.38 | 18.59 | | | | |
| 20 | 64QAM | 100 | 0 | 18.44 | 18.63 | 18.52 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 0 | 18.36 | 18.62 | 18.58 | | | | |
| 20 | 256QAM | 1 | 49 | 18.33 | 18.48 | 18.17 | 19.2 | 0 | | |
| 20 | 256QAM | 1 | 99 | 18.53 | 18.58 | 18.35 | | | | |
| 20 | 256QAM | 50 | 0 | 18.48 | 18.61 | 18.39 | 19.2 | 0 | | |
| 20 | 256QAM | 50 | 24 | 18.39 | 18.57 | 18.45 | | | | |
| 20 | 256QAM | 50 | 50 | 18.40 | 18.46 | 18.49 | 19.2 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.42 | 18.66 | 18.64 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 18.46 | 18.69 | 18.22 | 19.2 | 0 | | |
| 15 | QPSK | 1 | 37 | 18.20 | 18.52 | 18.33 | | | | |
| 15 | QPSK | 1 | 74 | 18.41 | 18.30 | 18.22 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 0 | 18.31 | 18.48 | 18.48 | | | | |
| 15 | QPSK | 36 | 20 | 18.30 | 18.59 | 18.35 | 19.2 | 0 | | |
| 15 | QPSK | 36 | 39 | 18.35 | 18.49 | 18.24 | | | | |
| 15 | QPSK | 75 | 0 | 18.35 | 18.53 | 18.52 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 0 | 18.23 | 18.41 | 18.42 | | | | |
| 15 | 16QAM | 1 | 37 | 18.11 | 18.31 | 18.45 | 19.2 | 0 | | |
| 15 | 16QAM | 1 | 74 | 18.28 | 18.36 | 17.97 | | | | |
| 15 | 16QAM | 36 | 0 | 18.57 | 18.64 | 18.18 | 19.2 | 0 | | |
| 15 | 16QAM | 36 | 20 | 18.15 | 18.20 | 18.37 | | | | |
| 15 | 16QAM | 36 | 39 | 18.41 | 18.48 | 18.22 | 19.2 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.44 | 18.50 | 18.58 | | | | |
| 15 | 64QAM | 1 | 0 | 18.58 | 18.54 | 18.35 | 19.2 | 0 | | |
| 15 | 64QAM | 1 | 37 | 18.19 | 18.53 | 18.32 | | | | |
| 15 | 64QAM | 1 | 74 | 18.60 | 18.22 | 18.44 | 19.2 | 0 | | |
| 15 | 64QAM | 36 | 0 | 18.34 | 18.53 | 18.29 | | | | |
| 15 | 64QAM | 36 | 20 | 18.23 | 18.33 | 18.12 | 19.2 | 0 | | |
| 15 | 64QAM | 36 | 39 | 18.47 | 18.17 | 18.56 | | | | |
| 15 | 64QAM | 75 | 0 | 18.46 | 18.57 | 18.49 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 0 | 18.17 | 18.49 | 18.57 | | | | |
| 15 | 256QAM | 1 | 37 | 18.14 | 18.48 | 18.15 | 19.2 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.38 | 18.55 | 18.35 | | | | |
| 15 | 256QAM | 36 | 0 | 18.35 | 18.60 | 18.32 | 19.2 | 0 | | |
| 15 | 256QAM | 36 | 20 | 18.42 | 18.38 | 18.45 | | | | |
| 15 | 256QAM | 36 | 39 | 18.22 | 18.34 | 18.50 | 19.2 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.31 | 18.66 | 18.64 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 18.59 | 18.52 | 18.38 | 19.2 | 0 | | |
| 10 | QPSK | 1 | 25 | 18.39 | 18.47 | 18.27 | | | | |
| 10 | QPSK | 1 | 49 | 18.42 | 18.21 | 18.22 | 19.2 | 0 | | |
| 10 | QPSK | 25 | 0 | 18.23 | 18.60 | 18.35 | | | | |
| 10 | QPSK | 25 | 12 | 18.29 | 18.60 | 18.20 | 19.2 | 0 | | |
| 10 | QPSK | 25 | 25 | 18.40 | 18.33 | 18.10 | | | | |
| 10 | QPSK | 50 | 0 | 18.39 | 18.37 | 18.45 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 0 | 18.21 | 18.39 | 18.26 | | | | |
| 10 | 16QAM | 1 | 25 | 18.18 | 18.29 | 18.31 | 19.2 | 0 | | |
| 10 | 16QAM | 1 | 49 | 18.18 | 18.21 | 18.16 | | | | |
| 10 | 16QAM | 25 | 0 | 18.54 | 18.47 | 18.26 | 19.2 | 0 | | |
| 10 | 16QAM | 25 | 12 | 18.28 | 18.25 | 18.46 | | | | |
| 10 | 16QAM | 25 | 25 | 18.36 | 18.48 | 18.15 | 19.2 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.42 | 18.59 | 18.52 | | | | |
| 10 | 64QAM | 1 | 0 | 18.46 | 18.58 | 18.47 | 19.2 | 0 | | |
| 10 | 64QAM | 1 | 25 | 18.23 | 18.52 | 18.32 | | | | |
| 10 | 64QAM | 1 | 49 | 18.60 | 18.22 | 18.29 | 19.2 | 0 | | |
| 10 | 64QAM | 25 | 0 | 18.45 | 18.54 | 18.31 | | | | |
| 10 | 64QAM | 25 | 12 | 18.26 | 18.37 | 18.12 | 19.2 | 0 | | |
| 10 | 64QAM | 25 | 25 | 18.33 | 18.31 | 18.59 | | | | |
| 10 | 64QAM | 50 | 0 | 18.37 | 18.56 | 18.39 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 0 | 18.18 | 18.51 | 18.51 | | | | |
| 10 | 256QAM | 1 | 25 | 18.21 | 18.46 | 18.23 | 19.2 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.37 | 18.41 | 18.43 | | | | |
| 10 | 256QAM | 25 | 0 | 18.35 | 18.41 | 18.31 | 19.2 | 0 | | |
| 10 | 256QAM | 25 | 12 | 18.25 | 18.45 | 18.30 | | | | |
| 10 | 256QAM | 25 | 25 | 18.32 | 18.33 | 18.44 | 19.2 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.27 | 18.63 | 18.63 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 18.57 | 18.70 | 18.37 | 19.2 | 0 | | |
| 5 | QPSK | 1 | 12 | 18.23 | 18.49 | 18.40 | | | | |
| 5 | QPSK | 1 | 24 | 18.32 | 18.27 | 18.25 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 0 | 18.22 | 18.68 | 18.40 | | | | |
| 5 | QPSK | 12 | 7 | 18.32 | 18.39 | 18.31 | 19.2 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.27 | 18.34 | 18.30 | | | | |
| 5 | QPSK | 25 | 0 | 18.28 | 18.53 | 18.45 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 0 | 18.21 | 18.39 | 18.32 | | | | |
| 5 | 16QAM | 1 | 12 | 18.24 | 18.24 | 18.42 | 19.2 | 0 | | |
| 5 | 16QAM | 1 | 24 | 18.23 | 18.38 | 18.16 | | | | |
| 5 | 16QAM | 12 | 0 | 18.52 | 18.61 | 18.24 | 19.2 | 0 | | |
| 5 | 16QAM | 12 | 7 | 18.26 | 18.24 | 18.51 | | | | |
| 5 | 16QAM | 12 | 13 | 18.51 | 18.53 | 18.18 | 19.2 | 0 | | |
| 5 | 16QAM | 25 | 0 | 18.31 | 18.63 | 18.43 | | | | |
| 5 | 64QAM | 1 | 0 | 18.54 | 18.60 | 18.37 | 19.2 | 0 | | |
| 5 | 64QAM | 1 | 12 | 18.28 | 18.35 | 18.26 | | | | |
| 5 | 64QAM | 1 | 24 | 18.47 | 18.21 | 18.42 | 19.2 | 0 | | |
| 5 | 64QAM | 12 | 0 | 18.29 | 18.57 | 18.40 | | | | |
| 5 | 64QAM | 12 | 7 | 18.18 | 18.30 | 18.37 | 19.2 | 0 | | |
| 5 | 64QAM | 12 | 13 | 18.40 | 18.19 | 18.52 | | | | |
| 5 | 64QAM | 25 | 0 | 18.46 | 18.63 | 18.47 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 0 | 18.32 | 18.58 | 18.52 | | | | |
| 5 | 256QAM | 1 | 12 | 18.12 | 18.42 | 18.18 | 19.2 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.34 | 18.58 | 18.37 | | | | |
| 5 | 256QAM | 12 | 0 | 18.47 | 18.59 | 18.20 | 19.2 | 0 | | |
| 5 | 256QAM | 12 | 7 | 18.33 | 18.52 | 18.25 | | | | |
| 5 | 256QAM | 12 | 13 | 18.28 | 18.40 | 18.41 | 19.2 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.41 | 18.52 | 18.60 | | | | |

| Band 41 Ant3 DS15 | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 20.08 | 20.30 | 20.39 | 20.14 | 20.14 | 20.7 | 0 |
| 20 | QPSK | 1 | 49 | 20.00 | 20.22 | 20.08 | 20.07 | 20.18 | | |
| 20 | QPSK | 1 | 99 | 20.28 | 20.15 | 20.17 | 20.03 | 20.06 | 20.7 | 0 |
| 20 | QPSK | 50 | 0 | 20.00 | 19.87 | 20.15 | 20.06 | 19.92 | | |
| 20 | QPSK | 50 | 24 | 20.02 | 19.89 | 20.09 | 20.10 | 20.11 | 20.7 | 0 |
| 20 | QPSK | 50 | 50 | 20.03 | 19.95 | 20.06 | 20.01 | 20.04 | | |
| 20 | QPSK | 100 | 0 | 19.81 | 20.05 | 20.09 | 20.01 | 20.08 | 20.7 | 0 |
| 20 | 16QAM | 1 | 0 | 20.05 | 20.18 | 20.09 | 20.22 | 20.03 | | |
| 20 | 16QAM | | | | | | | | | |



| Band 4 Ant4 DSS1 | | | | | | | | | | |
|------------------|------------|---------|-----------|---------------------|----------------------|----------------------|---------------------|----------|--|--|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch./Freq. | Power High Ch./Freq. | Power High Ch./Freq. | Turn-up limit (dBm) | MPE (dB) | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 20 | QPSK | 1 | 0 | 17.18 | 17.23 | 16.96 | | | | |
| 20 | QPSK | 1 | 49 | 16.79 | 17.02 | 16.79 | 17.7 | 0 | | |
| 20 | QPSK | 1 | 99 | 16.79 | 17.02 | 16.79 | | | | |
| 20 | QPSK | 50 | 0 | 17.02 | 17.16 | 16.99 | | | | |
| 20 | QPSK | 50 | 24 | 16.97 | 17.02 | 16.97 | 17.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 16.98 | 17.00 | 16.97 | | | | |
| 20 | QPSK | 100 | 0 | 16.90 | 17.07 | 16.96 | | | | |
| 20 | QPSK | 100 | 9 | 17.11 | 16.96 | 16.93 | 17.7 | 0 | | |
| 20 | QPSK | 100 | 18 | 16.84 | 16.85 | 16.82 | | | | |
| 20 | 16QAM | 1 | 49 | 16.84 | 16.85 | 16.82 | 17.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 16.72 | 16.81 | 16.85 | | | | |
| 20 | 16QAM | 50 | 0 | 16.90 | 16.96 | 16.78 | | | | |
| 20 | 16QAM | 50 | 24 | 16.85 | 16.95 | 16.70 | 17.7 | 0 | | |
| 20 | 16QAM | 50 | 50 | 16.84 | 16.76 | 16.81 | | | | |
| 20 | 16QAM | 100 | 0 | 16.85 | 16.96 | 16.82 | | | | |
| 20 | 16QAM | 100 | 9 | 16.93 | 16.99 | 16.76 | 17.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 16.91 | 16.97 | 16.75 | 17.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 16.98 | 17.03 | 16.98 | | | | |
| 20 | 64QAM | 50 | 24 | 16.91 | 16.91 | 16.90 | 17.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 16.93 | 17.03 | 16.99 | | | | |
| 20 | 64QAM | 100 | 0 | 17.19 | 17.03 | 16.99 | | | | |
| 20 | 64QAM | 100 | 9 | 17.00 | 16.88 | 17.03 | 17.7 | 0 | | |
| 20 | 256QAM | 1 | 49 | 16.95 | 17.01 | 16.88 | | | | |
| 20 | 256QAM | 1 | 99 | 16.79 | 16.96 | 17.01 | | | | |
| 20 | 256QAM | 50 | 0 | 16.92 | 16.95 | 16.80 | | | | |
| 20 | 256QAM | 50 | 24 | 16.88 | 16.93 | 16.82 | 17.7 | 0 | | |
| 20 | 256QAM | 50 | 50 | 16.88 | 16.77 | 16.96 | | | | |
| 20 | 256QAM | 100 | 0 | 16.84 | 16.84 | 16.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 15 | QPSK | 1 | 0 | 17.08 | 17.08 | 16.83 | | | | |
| 15 | QPSK | 1 | 37 | 16.88 | 16.76 | 16.84 | 17.7 | 0 | | |
| 15 | QPSK | 1 | 74 | 16.87 | 16.93 | 16.84 | | | | |
| 15 | QPSK | 36 | 0 | 17.01 | 17.10 | 16.92 | | | | |
| 15 | QPSK | 36 | 29 | 16.91 | 16.96 | 16.90 | 17.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 16.92 | 17.03 | 17.02 | | | | |
| 15 | QPSK | 75 | 0 | 16.92 | 16.71 | 16.81 | | | | |
| 15 | 16QAM | 1 | 37 | 17.14 | 16.81 | 16.92 | 17.7 | 0 | | |
| 15 | 16QAM | 1 | 37 | 16.78 | 16.71 | 16.69 | | | | |
| 15 | 16QAM | 1 | 74 | 16.70 | 16.82 | 16.81 | | | | |
| 15 | 16QAM | 25 | 0 | 16.70 | 16.84 | 16.79 | 17.7 | 0 | | |
| 15 | 16QAM | 36 | 29 | 16.91 | 16.85 | 16.74 | | | | |
| 15 | 16QAM | 36 | 39 | 16.89 | 16.82 | 16.81 | 17.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 16.81 | 16.68 | 16.78 | | | | |
| 15 | 64QAM | 1 | 37 | 16.94 | 16.88 | 16.88 | | | | |
| 15 | 64QAM | 1 | 37 | 16.76 | 16.89 | 16.81 | 17.7 | 0 | | |
| 15 | 64QAM | 1 | 74 | 16.82 | 16.82 | 16.87 | | | | |
| 15 | 64QAM | 36 | 39 | 16.97 | 17.03 | 16.85 | 17.7 | 0 | | |
| 15 | 64QAM | 75 | 0 | 17.01 | 16.87 | 16.84 | | | | |
| 15 | 256QAM | 1 | 37 | 16.81 | 16.91 | 16.76 | | | | |
| 15 | 256QAM | 1 | 74 | 16.85 | 17.01 | 16.87 | | | | |
| 15 | 256QAM | 36 | 29 | 16.85 | 16.80 | 16.70 | 17.7 | 0 | | |
| 15 | 256QAM | 36 | 39 | 16.76 | 16.85 | 16.85 | | | | |
| 15 | 256QAM | 75 | 0 | 16.87 | 16.85 | 16.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 10 | QPSK | 1 | 0 | 17.00 | 17.06 | 16.99 | | | | |
| 10 | QPSK | 1 | 25 | 16.80 | 16.75 | 17.01 | 17.7 | 0 | | |
| 10 | QPSK | 1 | 49 | 16.83 | 17.07 | 16.82 | | | | |
| 10 | QPSK | 12 | 0 | 16.86 | 17.11 | 16.88 | | | | |
| 10 | QPSK | 25 | 12 | 16.90 | 17.01 | 16.92 | | | | |
| 10 | QPSK | 25 | 25 | 17.04 | 16.96 | 17.02 | 17.7 | 0 | | |
| 10 | QPSK | 25 | 39 | 16.85 | 16.90 | 16.81 | | | | |
| 10 | 16QAM | 1 | 0 | 17.01 | 16.87 | 16.90 | | | | |
| 10 | 16QAM | 1 | 24 | 16.82 | 16.83 | 16.74 | 17.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 16.80 | 16.85 | 16.81 | | | | |
| 10 | 16QAM | 25 | 0 | 16.93 | 16.90 | 16.91 | | | | |
| 10 | 16QAM | 25 | 12 | 16.85 | 16.80 | 16.70 | 17.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 16.88 | 16.81 | 16.70 | | | | |
| 10 | 64QAM | 1 | 0 | 16.79 | 16.89 | 16.69 | | | | |
| 10 | 64QAM | 1 | 24 | 16.83 | 16.83 | 16.84 | 17.7 | 0 | | |
| 10 | 64QAM | 1 | 49 | 16.57 | 16.89 | 16.65 | | | | |
| 10 | 64QAM | 25 | 0 | 16.81 | 17.02 | 16.84 | | | | |
| 10 | 64QAM | 25 | 12 | 16.82 | 16.86 | 16.76 | 17.7 | 0 | | |
| 10 | 64QAM | 50 | 0 | 17.11 | 16.98 | 16.98 | | | | |
| 10 | 256QAM | 1 | 24 | 16.97 | 16.89 | 16.87 | | | | |
| 10 | 256QAM | 1 | 24 | 16.99 | 17.04 | 16.70 | | | | |
| 10 | 256QAM | 1 | 49 | 16.65 | 16.93 | 16.83 | | | | |
| 10 | 256QAM | 12 | 0 | 16.85 | 16.80 | 16.87 | | | | |
| 10 | 256QAM | 25 | 12 | 16.81 | 16.78 | 16.85 | 17.7 | 0 | | |
| 10 | 256QAM | 25 | 25 | 16.78 | 16.88 | 16.80 | | | | |
| 10 | 256QAM | 50 | 0 | 16.87 | 16.87 | 16.84 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 5 | QPSK | 1 | 0 | 17.05 | 17.05 | 16.83 | | | | |
| 5 | QPSK | 1 | 12 | 16.86 | 16.81 | 16.81 | 17.7 | 0 | | |
| 5 | QPSK | 1 | 24 | 16.83 | 17.07 | 16.85 | | | | |
| 5 | QPSK | 12 | 0 | 16.86 | 17.11 | 16.88 | | | | |
| 5 | QPSK | 12 | 7 | 17.01 | 16.97 | 16.89 | | | | |
| 5 | QPSK | 12 | 13 | 16.80 | 17.02 | 16.81 | | | | |
| 5 | QPSK | 25 | 0 | 16.93 | 17.06 | 16.91 | | | | |
| 5 | 16QAM | 1 | 0 | 17.11 | 16.98 | 16.78 | 17.7 | 0 | | |
| 5 | 16QAM | 1 | 12 | 16.83 | 16.89 | 16.75 | | | | |
| 5 | 16QAM | 1 | 24 | 16.71 | 16.84 | 16.81 | | | | |
| 5 | 16QAM | 12 | 0 | 16.87 | 16.79 | 16.86 | | | | |
| 5 | 16QAM | 12 | 7 | 16.69 | 16.92 | 16.65 | 17.7 | 0 | | |
| 5 | 16QAM | 12 | 13 | 16.84 | 16.76 | 16.86 | | | | |
| 5 | 16QAM | 25 | 0 | 16.88 | 16.82 | 16.97 | | | | |
| 5 | 64QAM | 1 | 0 | 16.77 | 16.97 | 16.66 | | | | |
| 5 | 64QAM | 1 | 12 | 16.84 | 16.81 | 16.89 | 17.7 | 0 | | |
| 5 | 64QAM | 1 | 24 | 16.87 | 16.70 | 16.81 | | | | |
| 5 | 64QAM | 12 | 0 | 16.70 | 17.06 | 17.00 | | | | |
| 5 | 64QAM | 12 | 7 | 16.93 | 16.97 | 16.87 | 17.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 16.78 | 16.90 | 16.83 | | | | |
| 5 | 64QAM | 25 | 0 | 17.13 | 17.01 | 16.96 | | | | |
| 5 | 256QAM | 1 | 0 | 16.92 | 16.92 | 16.88 | | | | |
| 5 | 256QAM | 1 | 12 | 16.93 | 17.07 | 16.83 | 17.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 16.79 | 16.90 | 16.86 | | | | |
| 5 | 256QAM | 12 | 0 | 16.99 | 16.74 | 16.86 | | | | |
| 5 | 256QAM | 12 | 7 | 16.56 | 16.87 | 16.85 | 17.7 | 0 | | |
| 5 | 256QAM | 12 | 13 | 16.83 | 16.88 | 16.80 | | | | |
| 5 | 256QAM | 25 | 0 | 16.79 | 17.01 | 16.98 | | | | |
| Channel | | | | | | | | | | |
| Frequency (MHz) | | | | | | | | | | |
| 3 | QPSK | 1 | 0 | 17.00 | 17.12 | 16.83 | | | | |
| 3 | QPSK | 1 | 8 | 16.94 | 16.84 | 16.72 | 17.7 | 0 | | |
| 3 | QPSK | 1 | 14 | 16.75 | 16.91 | 16.78 | | | | |
| 3 | QPSK | 8 | 0 | 16.87 | 17.11 | 16.80 | | | | |
| 3 | QPSK | 8 | 4 | 16.99 | 16.78 | 16.79 | 17.7 | 0 | | |
| 3 | QPSK | 8 | 7 | 16.89 | 16.96 | 16.98 | | | | |
| 3 | QPSK | 15 | 0 | 16.93 | 16.90 | 16.85 | | | | |
| 3 | 16QAM | 1 | 0 | 17.02 | 16.98 | 16.97 | | | | |
| 3 | 16QAM | 1 | 8 | 16.81 | 16.78 | 16.84 | 17.7 | 0 | | |
| 3 | 16QAM | 1 | 14 | 16.87 | 16.76 | 16.70 | | | | |
| 3 | 16QAM | 8 | 0 | 16.56 | 16.76 | 16.79 | | | | |
| 3 | 16QAM | 8 | 4 | 16.87 | 16.81 | 16.71 | 17.7 | 0 | | |
| 3 | 16QAM | 8 | 7 | 16.96 | 16.76 | 16.80 | | | | |
| 3 | 16QAM | 15 | 0 | 16.88 | 16.74 | 16.95 | | | | |
| 3 | 64QAM | 1 | 0 | 16.82 | 16.82 | 16.80 | | | | |
| 3 | 64QAM | 1 | 8 | 16.87 | 16.87 | 16.82 | 17.7 | 0 | | |
| 3 | 64QAM | 1 | 14 | 16.84 | 16.80 | 16.56 | | | | |
| 3 | 64QAM | 8 | 0 | 16.82 | 16.87 | 16.80 | | | | |
| 3 | 64QAM | 8 | 4 | 16.74 | 16.74 | 16.85 | 17.7 | 0 | | |
| 3 | 64QAM | 8 | 7 | 16.84 | 17.07 | 16.84 | | | | |
| 3 | 64QAM | 15 | 0 | 17.00 | | | | | | |



| Band 38 Ant4 DSIS | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | 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 | 19.16 | 19.32 | 19.11 | 19.7 | 0 | | |
| 20 | QPSK | 1 | 49 | 18.89 | 19.07 | 18.94 | | | | |
| 20 | QPSK | 1 | 99 | 18.97 | 18.93 | 19.00 | 19.7 | 0 | | |
| 20 | QPSK | 50 | 0 | 19.00 | 19.19 | 19.05 | | | | |
| 20 | QPSK | 50 | 24 | 19.02 | 19.06 | 19.00 | 19.7 | 0 | | |
| 20 | QPSK | 50 | 50 | 19.15 | 18.94 | 19.00 | | | | |
| 20 | QPSK | 100 | 0 | 19.03 | 19.08 | 19.00 | 19.7 | 0 | | |
| 20 | 16QAM | 1 | 0 | 19.17 | 19.14 | 19.06 | | | | |
| 20 | 16QAM | 1 | 49 | 18.97 | 19.06 | 19.05 | 19.7 | 0 | | |
| 20 | 16QAM | 1 | 99 | 19.21 | 19.02 | 19.00 | | | | |
| 20 | 16QAM | 50 | 0 | 19.07 | 19.11 | 19.11 | 19.7 | 0 | | |
| 20 | 16QAM | 50 | 24 | 19.09 | 18.95 | 19.24 | | | | |
| 20 | 16QAM | 50 | 50 | 18.95 | 19.12 | 18.90 | 19.7 | 0 | | |
| 20 | 16QAM | 100 | 0 | 19.06 | 19.22 | 19.03 | | | | |
| 20 | 64QAM | 1 | 0 | 19.02 | 19.17 | 19.08 | 19.7 | 0 | | |
| 20 | 64QAM | 1 | 49 | 19.09 | 19.05 | 19.18 | | | | |
| 20 | 64QAM | 1 | 99 | 18.93 | 19.22 | 19.06 | 19.7 | 0 | | |
| 20 | 64QAM | 50 | 0 | 18.98 | 19.04 | 18.96 | | | | |
| 20 | 64QAM | 50 | 24 | 18.92 | 18.96 | 18.92 | 19.7 | 0 | | |
| 20 | 64QAM | 50 | 50 | 19.18 | 19.20 | 19.27 | | | | |
| 20 | 64QAM | 100 | 0 | 19.05 | 18.97 | 19.16 | 19.7 | 0 | | |
| 20 | 256QAM | 1 | 0 | 18.99 | 19.05 | 19.05 | | | | |
| 20 | 256QAM | 1 | 49 | 18.93 | 18.95 | 19.07 | 19.7 | 0 | | |
| 20 | 256QAM | 1 | 99 | 18.90 | 19.07 | 19.05 | | | | |
| 20 | 256QAM | 50 | 0 | 19.05 | 19.03 | 18.93 | 19.7 | 0 | | |
| 20 | 256QAM | 50 | 24 | 18.91 | 18.96 | 18.85 | | | | |
| 20 | 256QAM | 50 | 50 | 18.85 | 18.92 | 18.97 | 19.7 | 0 | | |
| 20 | 256QAM | 100 | 0 | 18.86 | 19.22 | 18.96 | | | | |
| Channel | | | | 37825 | 38000 | 38175 | | | | |
| Frequency (MHz) | | | | 2577.5 | 2595 | 2612.5 | | | | |
| 15 | QPSK | 1 | 0 | 19.05 | 19.17 | 19.06 | 19.7 | 0 | | |
| 15 | QPSK | 1 | 37 | 18.70 | 19.05 | 18.98 | | | | |
| 15 | QPSK | 1 | 74 | 19.00 | 18.85 | 18.85 | 19.7 | 0 | | |
| 15 | QPSK | 36 | 0 | 18.86 | 19.09 | 18.92 | | | | |
| 15 | QPSK | 36 | 20 | 19.00 | 18.89 | 18.99 | 19.7 | 0 | | |
| 15 | QPSK | 36 | 39 | 19.01 | 18.89 | 19.04 | | | | |
| 15 | QPSK | 75 | 0 | 19.06 | 18.96 | 18.82 | 19.7 | 0 | | |
| 15 | 16QAM | 1 | 0 | 19.09 | 19.09 | 19.05 | | | | |
| 15 | 16QAM | 1 | 37 | 18.83 | 18.93 | 19.02 | 19.7 | 0 | | |
| 15 | 16QAM | 1 | 74 | 19.19 | 19.03 | 18.86 | | | | |
| 15 | 16QAM | 36 | 0 | 18.85 | 19.05 | 19.09 | 19.7 | 0 | | |
| 15 | 16QAM | 36 | 20 | 19.08 | 18.87 | 19.09 | | | | |
| 15 | 16QAM | 36 | 39 | 18.83 | 18.99 | 18.80 | 19.7 | 0 | | |
| 15 | 16QAM | 75 | 0 | 18.97 | 19.23 | 18.96 | | | | |
| 15 | 64QAM | 1 | 0 | 18.89 | 19.03 | 18.95 | 19.7 | 0 | | |
| 15 | 64QAM | 1 | 37 | 19.14 | 19.00 | 19.14 | | | | |
| 15 | 64QAM | 1 | 74 | 18.89 | 19.22 | 19.09 | 19.7 | 0 | | |
| 15 | 64QAM | 36 | 0 | 18.82 | 18.95 | 18.93 | | | | |
| 15 | 64QAM | 36 | 20 | 18.88 | 18.90 | 18.84 | 19.7 | 0 | | |
| 15 | 64QAM | 36 | 39 | 19.03 | 19.18 | 19.16 | | | | |
| 15 | 64QAM | 75 | 0 | 18.87 | 18.98 | 19.03 | 19.7 | 0 | | |
| 15 | 256QAM | 1 | 0 | 18.81 | 19.06 | 18.98 | | | | |
| 15 | 256QAM | 1 | 37 | 18.81 | 18.98 | 18.98 | 19.7 | 0 | | |
| 15 | 256QAM | 1 | 74 | 18.86 | 19.11 | 19.09 | | | | |
| 15 | 256QAM | 36 | 0 | 18.87 | 18.91 | 18.98 | 19.7 | 0 | | |
| 15 | 256QAM | 36 | 20 | 18.85 | 18.81 | 18.71 | | | | |
| 15 | 256QAM | 36 | 39 | 18.75 | 18.79 | 18.79 | 19.7 | 0 | | |
| 15 | 256QAM | 75 | 0 | 18.76 | 19.08 | 18.99 | | | | |
| Channel | | | | 37800 | 38000 | 38200 | | | | |
| Frequency (MHz) | | | | 2575 | 2595 | 2615 | | | | |
| 10 | QPSK | 1 | 0 | 19.04 | 19.31 | 19.07 | 19.7 | 0 | | |
| 10 | QPSK | 1 | 25 | 18.88 | 18.91 | 18.95 | | | | |
| 10 | QPSK | 1 | 49 | 18.91 | 18.86 | 18.93 | 19.7 | 0 | | |
| 10 | QPSK | 25 | 0 | 18.95 | 19.02 | 19.04 | | | | |
| 10 | QPSK | 25 | 12 | 18.96 | 18.99 | 19.01 | 19.7 | 0 | | |
| 10 | QPSK | 25 | 25 | 19.01 | 18.96 | 18.81 | | | | |
| 10 | QPSK | 50 | 0 | 18.99 | 18.96 | 18.89 | 19.7 | 0 | | |
| 10 | 16QAM | 1 | 0 | 19.17 | 18.95 | 19.08 | | | | |
| 10 | 16QAM | 1 | 25 | 18.84 | 19.03 | 18.87 | 19.7 | 0 | | |
| 10 | 16QAM | 1 | 49 | 19.24 | 19.06 | 19.05 | | | | |
| 10 | 16QAM | 25 | 0 | 19.06 | 18.94 | 18.93 | 19.7 | 0 | | |
| 10 | 16QAM | 25 | 12 | 19.13 | 18.85 | 19.18 | | | | |
| 10 | 16QAM | 25 | 25 | 18.95 | 19.05 | 18.74 | 19.7 | 0 | | |
| 10 | 16QAM | 50 | 0 | 18.95 | 19.04 | 18.86 | | | | |
| 10 | 64QAM | 1 | 0 | 18.96 | 19.06 | 19.03 | 19.7 | 0 | | |
| 10 | 64QAM | 1 | 25 | 19.03 | 19.10 | 19.05 | | | | |
| 10 | 64QAM | 1 | 49 | 18.95 | 19.28 | 19.06 | 19.7 | 0 | | |
| 10 | 64QAM | 25 | 0 | 18.86 | 18.93 | 18.77 | | | | |
| 10 | 64QAM | 25 | 12 | 18.95 | 18.95 | 18.75 | 19.7 | 0 | | |
| 10 | 64QAM | 25 | 25 | 19.09 | 19.03 | 19.08 | | | | |
| 10 | 64QAM | 50 | 0 | 18.99 | 19.01 | 19.08 | 19.7 | 0 | | |
| 10 | 256QAM | 1 | 0 | 19.03 | 18.95 | 18.88 | | | | |
| 10 | 256QAM | 1 | 25 | 18.91 | 18.84 | 19.06 | 19.7 | 0 | | |
| 10 | 256QAM | 1 | 49 | 18.85 | 18.90 | 19.08 | | | | |
| 10 | 256QAM | 25 | 0 | 18.89 | 18.92 | 18.84 | 19.7 | 0 | | |
| 10 | 256QAM | 25 | 12 | 18.89 | 18.90 | 18.81 | | | | |
| 10 | 256QAM | 25 | 25 | 18.70 | 18.74 | 18.92 | 19.7 | 0 | | |
| 10 | 256QAM | 50 | 0 | 18.90 | 19.19 | 18.83 | | | | |
| Channel | | | | 37775 | 38000 | 38225 | | | | |
| Frequency (MHz) | | | | 2572.5 | 2595 | 2617.5 | | | | |
| 5 | QPSK | 1 | 0 | 19.19 | 19.18 | 19.01 | 19.7 | 0 | | |
| 5 | QPSK | 1 | 12 | 18.78 | 19.09 | 18.98 | | | | |
| 5 | QPSK | 1 | 24 | 18.96 | 18.79 | 19.05 | 19.7 | 0 | | |
| 5 | QPSK | 12 | 0 | 18.96 | 19.17 | 19.02 | | | | |
| 5 | QPSK | 12 | 7 | 18.96 | 18.93 | 18.88 | 19.7 | 0 | | |
| 5 | QPSK | 12 | 13 | 18.97 | 18.84 | 18.91 | | | | |
| 5 | QPSK | 25 | 0 | 18.98 | 19.09 | 19.03 | 19.7 | 0 | | |
| 5 | 16QAM | 1 | 0 | 19.05 | 19.04 | 19.07 | | | | |
| 5 | 16QAM | 1 | 12 | 18.81 | 19.01 | 19.07 | 19.7 | 0 | | |
| 5 | 16QAM | 1 | 24 | 19.19 | 19.01 | 18.83 | | | | |
| 5 | 16QAM | 12 | 0 | 18.97 | 19.15 | 18.98 | 19.7 | 0 | | |
| 5 | 16QAM | 12 | 7 | 18.97 | 18.91 | 19.06 | | | | |
| 5 | 16QAM | 12 | 13 | 18.98 | 18.95 | 18.80 | 19.7 | 0 | | |
| 5 | 16QAM | 25 | 0 | 19.10 | 19.20 | 19.00 | | | | |
| 5 | 64QAM | 1 | 0 | 19.07 | 19.14 | 19.02 | 19.7 | 0 | | |
| 5 | 64QAM | 1 | 12 | 19.08 | 19.07 | 19.05 | | | | |
| 5 | 64QAM | 1 | 24 | 18.97 | 19.30 | 18.89 | 19.7 | 0 | | |
| 5 | 64QAM | 12 | 0 | 18.97 | 18.88 | 18.94 | | | | |
| 5 | 64QAM | 12 | 7 | 18.97 | 18.84 | 18.85 | 19.7 | 0 | | |
| 5 | 64QAM | 12 | 13 | 19.19 | 19.11 | 19.29 | | | | |
| 5 | 64QAM | 25 | 0 | 19.06 | 18.89 | 19.02 | 19.7 | 0 | | |
| 5 | 256QAM | 1 | 0 | 18.82 | 18.94 | 19.01 | | | | |
| 5 | 256QAM | 1 | 12 | 18.90 | 18.98 | 18.94 | 19.7 | 0 | | |
| 5 | 256QAM | 1 | 24 | 18.81 | 18.89 | 18.97 | | | | |
| 5 | 256QAM | 12 | 0 | 18.90 | 18.94 | 18.83 | 19.7 | 0 | | |
| 5 | 256QAM | 12 | 7 | 18.78 | 18.85 | 18.79 | | | | |
| 5 | 256QAM | 12 | 13 | 18.75 | 18.81 | 18.88 | 19.7 | 0 | | |
| 5 | 256QAM | 25 | 0 | 18.84 | 19.06 | 18.87 | | | | |

| Band 41 Ant4 DSIS | | | | | | | | | | |
|-------------------|------------|---------|-----------|-----------------------|------------------------------|--------------------------|-------------------------------|------------------------|---------------------|----------|
| 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 | 17.43 | 17.44 | 17.65 | 17.40 | 17.46 | 18.2 | 0 |
| 20 | QPSK | 1 | 49 | 17.27 | 17.41 | 17.41 | 17.39 | 17.52 | | |
| 20 | QPSK | 1 | 99 | 17.27 | 17.39 | 17.41 | 17.16 | 17.26 | 18.2 | 0 |
| 20 | QPSK | 50 | 0 | 17.48 | 17.53 | 17.58 | 17.42 | 17.36 | | |
| 20 | QPSK | 50 | 24 | 17.54 | 17.42 | 17.39 | 17.41 | 17.56 | 18.2 | 0 |
| 20 | QPSK | 50 | 50 | 17.44 | 17.52 | 17.43 | 17.38 | 17.27 | | |
| 20 | QPSK | 100 | 0 | 17.23 | 17.37 | 17.43 | 17.29 | 17.42 | 18.2 | 0 |
| 20 | 16QAM | 1 | 0 | 17.31 | 17.42 | 17.53 | 17.56 | 17.51 | | |
| 20 | 16QAM | 1 | | | | | | | | |



Conducted Full Power for UL CA

Ant2 Full Power

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 23.03 | 23.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 23.21 | 23.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 23.14 | 23.70 |

Ant2 Full Power&DSI3&DSI4

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 23.08 | 23.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 23.21 | 23.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 23.20 | 23.70 |

Ant3 Full Power&DSI4

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 22.15 | 23.50 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 22.22 | 23.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 22.03 | 23.50 |
| 20850 | 21048 | QPSK | 50 | 50 | 50 | 0 | 22.11 | 23.50 |
| 21100 | 21298 | QPSK | 50 | 50 | 50 | 0 | 22.19 | 23.50 |
| 21350 | 21152 | QPSK | 50 | 0 | 50 | 50 | 22.18 | 23.50 |

Ant3 Full Power&DSI4

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 23.03 | 23.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 23.12 | 23.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 23.00 | 23.70 |

Ant4 Full Power&DSI4

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 22.07 | 23.00 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 22.23 | 23.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 22.15 | 23.00 |

Ant4 Full Power&DSI4

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 22.97 | 23.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 23.06 | 23.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 22.91 | 23.70 |

Ant5 Full Power&DSI1&DSI4

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 23.16 | 23.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 23.30 | 23.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 23.22 | 23.70 |

Ant5 Full Power&DSI1&DSI4

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 23.11 | 23.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 23.19 | 23.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 23.03 | 23.70 |



Reduced Power for UL CA

Ant2 DSI1&5

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 19.49 | 20.20 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 19.52 | 20.20 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 19.46 | 20.20 |
| 20850 | 21048 | QPSK | 50 | 50 | 50 | 0 | 19.47 | 20.20 |
| 21100 | 21298 | QPSK | 50 | 50 | 50 | 0 | 19.50 | 20.20 |
| 21350 | 21152 | QPSK | 50 | 0 | 50 | 50 | 19.43 | 20.20 |

Ant2 DSI4&3

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 21.90 | 22.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 22.06 | 22.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 22.02 | 22.70 |

Ant3 DSI1&3&5

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 20.58 | 22.00 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 20.63 | 22.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 20.51 | 22.00 |
| 20850 | 21048 | QPSK | 50 | 50 | 50 | 0 | 20.51 | 22.00 |
| 21100 | 21298 | QPSK | 50 | 50 | 50 | 0 | 20.57 | 22.00 |
| 21350 | 21152 | QPSK | 50 | 0 | 50 | 50 | 20.44 | 22.00 |

Ant4 DSI1&5

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 16.98 | 18.00 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 17.01 | 18.00 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 16.97 | 18.00 |

Ant4 DSI3

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 19.66 | 20.50 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 19.68 | 20.50 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 19.60 | 20.50 |

Ant5 DSI3&5

| CA_7C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 20850 | 21048 | QPSK | 1 | 99 | 1 | 0 | 21.13 | 21.70 |
| 21100 | 21298 | QPSK | 1 | 99 | 1 | 0 | 21.22 | 21.70 |
| 21350 | 21152 | QPSK | 1 | 0 | 1 | 99 | 21.05 | 21.70 |
| 20850 | 21048 | QPSK | 50 | 50 | 50 | 0 | 21.10 | 21.70 |
| 21100 | 21298 | QPSK | 50 | 50 | 50 | 0 | 21.19 | 21.70 |
| 21350 | 21152 | QPSK | 50 | 0 | 50 | 50 | 21.01 | 21.70 |

Ant2 DSI1&5

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 21.43 | 22.20 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 21.51 | 22.20 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 21.48 | 22.20 |
| 37850 | 38048 | QPSK | 50 | 50 | 50 | 0 | 21.38 | 22.20 |
| 37901 | 38099 | QPSK | 50 | 50 | 50 | 0 | 21.43 | 22.20 |
| 38150 | 37952 | QPSK | 50 | 0 | 50 | 50 | 21.41 | 22.20 |

Ant3 DSI1&5

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 19.51 | 20.20 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 19.61 | 20.20 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 19.47 | 20.20 |
| 37850 | 38048 | QPSK | 50 | 50 | 50 | 0 | 19.43 | 20.20 |
| 37901 | 38099 | QPSK | 50 | 50 | 50 | 0 | 19.48 | 20.20 |
| 38150 | 37952 | QPSK | 50 | 0 | 50 | 50 | 19.41 | 20.20 |

Ant3 DSI3

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 22.46 | 23.20 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 22.59 | 23.20 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 22.54 | 23.20 |

Ant4 DSI1&5

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 20.00 | 20.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 20.09 | 20.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 19.93 | 20.70 |
| 37850 | 38048 | QPSK | 50 | 50 | 50 | 0 | 19.91 | 20.70 |
| 37901 | 38099 | QPSK | 50 | 50 | 50 | 0 | 20.03 | 20.70 |
| 38150 | 37952 | QPSK | 50 | 0 | 50 | 50 | 19.91 | 20.70 |

Ant4 DSI3

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 21.01 | 21.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 21.11 | 21.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 21.09 | 21.70 |

Ant5 DSI3&5

| CA_38C | | | | | | | | |
|---------------------------------------|-------------|------------|---------|-----------|---------|-----------|----------------------|---------------------|
| Combination 20MHz+20MHz (100RB+100RB) | | | | | | | | |
| PCC Channel | SCC Channel | Modulation | PCC | | SCC | | Measured Power (dBm) | Tune up Power (dBm) |
| | | | RB Size | RB offset | RB Size | RB offset | | |
| 37850 | 38048 | QPSK | 1 | 99 | 1 | 0 | 23.09 | 23.70 |
| 37901 | 38099 | QPSK | 1 | 99 | 1 | 0 | 23.16 | 23.70 |
| 38150 | 37952 | QPSK | 1 | 0 | 1 | 99 | 23.03 | 23.70 |
| 37850 | 38048 | QPSK | 50 | 50 | 50 | 0 | 23.06 | 23.70 |
| 37901 | 38099 | QPSK | 50 | 50 | 50 | 0 | 23.13 | 23.70 |
| 38150 | 37952 | QPSK | 50 | 0 | 50 | 50 | 22.97 | 23.70 |



Conducted Power for DL CA

2CA DL

| CA List | PCC | | | | | | | | | | SCC | | | | | Power | |
|------------|----------|--------|----------|---------------|------------|------|--------|-------|--------------------------|----------|----------|---------------|------------|--------------------------|-------------------------|----------------------------|--|
| | LTE Band | BW Ant | BW (MHz) | UL Freq (MHz) | UL Channel | Mod. | UL# RB | UL RB | DL Antenna Configuration | LTE Band | BW (MHz) | DL Freq (MHz) | DL Channel | DL Antenna Configuration | With CA Tx. Power (dBm) | Without CA Tx. Power (dBm) | |
| | | | | | | | | | | | | | | | | | |
| CA_2A-2A | Band 2 | Ant4 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 2 | 5M | 1988 | 1175 | | 23.41 | 23.55 | |
| | Band 2 | Ant5 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 2 | 5M | 1988 | 1175 | | 24.86 | 25.05 | |
| CA_2A-4A | Band 2 | Ant4 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 4 | 20M | 2133 | 2175 | 4x4MIMO | 23.37 | 23.55 | |
| | Band 2 | Ant5 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 4 | 20M | 2133 | 2175 | 4x4MIMO | 24.90 | 25.05 | |
| CA_4A-5A | Band 4 | Ant2 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 24.91 | 25.06 | |
| | Band 4 | Ant3 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 25.03 | 25.18 | |
| | Band 4 | Ant2 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.92 | 25.06 | |
| | Band 4 | Ant3 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 25.06 | 25.18 | |
| | Band 4 | Ant4 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.99 | 25.07 | |
| | Band 4 | Ant5 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.91 | 25.11 | |
| | Band 5 | Ant0 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 4 | 20M | 2133 | 2175 | 4x4MIMO | 24.32 | 24.49 | |
| | Band 5 | Ant1 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 4 | 20M | 2133 | 2175 | 4x4MIMO | 24.50 | 24.61 | |
| | Band 38 | Ant2 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 20M | 2600 | 38048 | 4x4MIMO | 24.96 | 25.14 | |
| | Band 38 | Ant3 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 20M | 2600 | 38048 | 4x4MIMO | 24.96 | 25.16 | |
| CA_38C | Band 38 | Ant4 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 20M | 2600 | 38048 | 4x4MIMO | 25.04 | 25.16 | |
| | Band 38 | Ant5 | 20M | 2580 | 37850 | QPSK | 1 | 0 | 4x4MIMO | Band 38 | 20M | 2600 | 38048 | 4x4MIMO | 25.04 | 25.19 | |
| | Band 41 | Ant2 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2688 | 41565 | 4x4MIMO | 25.00 | 25.20 | |
| | Band 41 | Ant3 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2688 | 41565 | 4x4MIMO | 25.07 | 25.20 | |
| CA_41A-41A | Band 41 | Ant4 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2688 | 41565 | 4x4MIMO | 25.10 | 25.21 | |
| | Band 41 | Ant5 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 5M | 2688 | 41565 | 4x4MIMO | 25.07 | 25.23 | |
| | Band 66 | Ant2 | 15M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2164 | 66979 | 4x4MIMO | 24.94 | 25.10 | |
| | Band 66 | Ant3 | 15M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2164 | 66979 | 4x4MIMO | 25.03 | 25.20 | |
| CA_66B | Band 66 | Ant4 | 15M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2164 | 66979 | 4x4MIMO | 25.00 | 25.12 | |
| | Band 66 | Ant5 | 15M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2164 | 66979 | 4x4MIMO | 25.02 | 25.17 | |
| | Band 66 | Ant2 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2175 | 67084 | 4x4MIMO | 24.96 | 25.10 | |
| | Band 66 | Ant3 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2175 | 67084 | 4x4MIMO | 25.08 | 25.20 | |
| CA_66C | Band 66 | Ant4 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2175 | 67084 | 4x4MIMO | 25.03 | 25.12 | |
| | Band 66 | Ant5 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 20M | 2175 | 67084 | 4x4MIMO | 25.00 | 25.17 | |
| | Band 66 | Ant2 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2198 | 67311 | 4x4MIMO | 24.91 | 25.10 | |
| | Band 66 | Ant3 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2198 | 67311 | 4x4MIMO | 25.09 | 25.20 | |
| CA_66A-66A | Band 66 | Ant4 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2198 | 67311 | 4x4MIMO | 25.00 | 25.12 | |
| | Band 66 | Ant5 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 66 | 5M | 2198 | 67311 | 4x4MIMO | 25.07 | 25.17 | |



3CA DL

| 3CA List | PCC | | | | | | | | | | SCC1 | | | | SCC2 | | | | Power | | |
|--------------|----------|-------|-------|--------|---------|------|--------|---------------|--------------------------|----------|-------|--------|-------|--------------------------|----------|-------|--------|-------|--------------------------|---------|------------|
| | LTE Band | BW | BW | UL | UL | Mod. | UL# RB | UL# RB Offset | DL Antenna Configuration | LTE Band | BW | DL | DL | DL Antenna Configuration | LTE Band | BW | DL | DL | DL Antenna Configuration | With CA | Without CA |
| | Ant. | (MHz) | (MHz) | (MHz) | Channel | | | | | (MHz) | (MHz) | (MHz) | (MHz) | | (MHz) | (MHz) | (MHz) | (MHz) | | (dBm) | (dBm) |
| CA_2A-7C | Band 2 | An14 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 23.40 | 23.55 |
| | Band 2 | An15 | 20M | 1880 | 18900 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 24.85 | 25.05 |
| | Band 7 | An12 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 25.03 | 25.16 |
| | Band 7 | An13 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 2 | 20M | 1960 | 900 | | 24.02 | 24.21 |
| CA_4A-7C | Band 4 | An12 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 24.87 | 25.06 |
| | Band 4 | An13 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 25.05 | 25.18 |
| | Band 4 | An14 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 24.95 | 25.07 |
| | Band 4 | An15 | 20M | 1732.5 | 20175 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | 24.98 | 25.11 |
| | Band 7 | An12 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4MIMO | 25.00 | 25.16 |
| | Band 7 | An13 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4MIMO | 24.13 | 24.21 |
| | Band 7 | An14 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4MIMO | 24.10 | 24.23 |
| | Band 7 | An15 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2554.8 | 3298 | 4x4MIMO | Band 4 | 20M | 2132.5 | 2175 | 4x4MIMO | 25.08 | 25.25 |
| CA_5A-7A-7A | Band 5 | An10 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | 24.37 | 24.49 |
| | Band 5 | An11 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | 24.48 | 24.61 |
| | Band 7 | An12 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.97 | 25.16 |
| | Band 7 | An13 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.12 | 24.21 |
| | Band 7 | An14 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.08 | 24.23 |
| | Band 7 | An15 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2680 | 3350 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 25.14 | 25.25 |
| CA_5A-7A-66A | Band 5 | An10 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.33 | 24.49 |
| | Band 5 | An11 | 10M | 836.5 | 20525 | QPSK | 1 | 0 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | 24.46 | 24.61 |
| | Band 7 | An12 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 24.97 | 25.16 |
| | Band 7 | An13 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 24.07 | 24.21 |
| | Band 7 | An14 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 24.14 | 24.23 |
| | Band 7 | An15 | 20M | 2535 | 21100 | QPSK | 1 | 0 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | Band 66 | 20M | 2155 | 66886 | 4x4MIMO | 25.06 | 25.25 |
| | Band 66 | An12 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 24.96 | 25.10 |
| | Band 66 | An13 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 25.08 | 25.20 |
| | Band 66 | An14 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 25.04 | 25.12 |
| | Band 66 | An15 | 20M | 1745 | 132322 | QPSK | 1 | 0 | 4x4MIMO | Band 7 | 20M | 2655 | 3100 | 4x4MIMO | Band 5 | 10M | 881.5 | 2525 | | 25.02 | 25.17 |
| CA_41D | Band 41 | An12 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 25.11 | 25.20 |
| | Band 41 | An13 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 25.01 | 25.20 |
| | Band 41 | An14 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 25.07 | 25.21 |
| | Band 41 | An15 | 20M | 2593 | 40620 | QPSK | 1 | 0 | 4x4MIMO | Band 41 | 20M | 2612.8 | 40818 | 4x4MIMO | Band 41 | 20M | 2632.6 | 41016 | 4x4MIMO | 25.07 | 25.23 |



Full&Default Power for 5G NR

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|-------------|-------------|---------------|------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit | MPR | |
| | | | | Low | Middle | High | | | |
| Channel | | | | Ch. J Freq. | Ch. J Freq. | Ch. J Freq. | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 167800 | | | |
| | | | | 834 | 836.5 | 839 | | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.46 | 24.37 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 1 | 53 | 24.24 | 24.40 | 24.30 | | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.12 | 24.23 | 24.11 | | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.05 | 24.10 | 23.95 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 50 | 28 | 24.44 | 24.48 | 24.31 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 50 | 56 | 23.81 | 23.85 | 23.81 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 100 | 0 | 23.89 | 23.99 | 23.94 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.52 | | | |
| 20 | QPSK | 1 | 53 | 24.26 | 24.42 | 24.40 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 24.03 | 24.16 | 24.04 | | | |
| 20 | QPSK | 50 | 0 | 23.37 | 23.54 | 23.43 | | | |
| 20 | QPSK | 50 | 28 | 24.52 | 24.54 | 24.49 | 25.5 | 0.0 | |
| 20 | QPSK | 50 | 56 | 23.28 | 23.37 | 23.28 | 24.5 | 1.0 | |
| 20 | QPSK | 100 | 0 | 23.53 | 23.54 | 23.50 | | | |
| 20 | 16QAM | 1 | 1 | 23.35 | 23.44 | 23.40 | | | |
| 20 | 64QAM | 1 | 1 | 21.95 | 22.04 | 21.94 | 23.0 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 20.16 | 20.30 | 20.26 | 21.0 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 24.42 | 24.46 | 24.43 | 25.5 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.54 | 24.47 | 25.5 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) | |
| 5 | QPSK | 1 | 1 | 24.51 | 24.45 | 24.37 | 25.5 | 0.0 | |



| n5 Ant1 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166300 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.40 | 24.47 | 24.40 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.28 | 24.42 | 24.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.09 | 24.24 | 24.11 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.93 | 24.05 | 23.98 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.37 | 24.46 | 24.43 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.76 | 23.92 | 23.81 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.86 | 23.99 | 23.92 | | |
| 20 | QPSK | 1 | 1 | 24.46 | 24.58 | 24.42 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.42 | 24.29 | | |
| 20 | QPSK | 1 | 104 | 24.17 | 24.22 | 24.14 | | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.59 | 23.47 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.53 | 24.55 | 24.51 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.39 | 23.44 | 23.33 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.53 | 23.48 | | |
| 20 | 16QAM | 1 | 1 | 23.33 | 23.45 | 23.38 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.24 | 22.38 | 22.27 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.10 | 20.26 | 20.10 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.34 | 24.50 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.30 | 24.43 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.42 | 24.50 | 24.38 | 25.7 | 0.0 |



| n7 Ant2 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.07 | 25.14 | 25.01 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.96 | 25.11 | 24.96 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.96 | 25.07 | 24.97 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.40 | 24.50 | 24.46 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 25.02 | 25.06 | 24.89 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.43 | 24.48 | 24.34 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.53 | 24.56 | 24.41 | | |
| 40 | QPSK | 1 | 1 | 25.11 | 25.16 | 25.02 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 25.00 | 25.08 | 25.02 | | |
| 40 | QPSK | 1 | 214 | 25.00 | 25.02 | 24.86 | | |
| 40 | QPSK | 108 | 0 | 23.91 | 24.07 | 24.00 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 24.96 | 25.06 | 24.89 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 23.90 | 24.03 | 23.92 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.91 | 23.97 | 23.83 | | |
| 40 | 16QAM | 1 | 1 | 23.89 | 24.01 | 23.94 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.60 | 22.72 | 22.62 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.68 | 20.71 | 20.64 | 21.2 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.99 | 25.11 | 24.90 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 25.08 | 25.05 | 24.92 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.95 | 25.00 | 24.92 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 25.07 | 25.09 | 24.86 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 25.03 | 25.14 | 24.90 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.96 | 25.12 | 24.89 | 25.7 | 0.0 |



| n38 Ant2 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.43 | 24.57 | 24.47 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.36 | 24.41 | 24.35 | 25.5 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 24.36 | 24.52 | 24.42 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.93 | 24.00 | 23.87 | 25.0 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 24.36 | 24.44 | 24.41 | 25.5 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 23.94 | 23.97 | 23.86 | 25.0 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 23.86 | 23.96 | 23.84 | | | |
| 40 | QPSK | 1 | 1 | 24.52 | 24.61 | 24.58 | | | |
| 40 | QPSK | 1 | 53 | 24.43 | 24.47 | 24.44 | 25.5 | 0.0 | |
| 40 | QPSK | 1 | 104 | 24.20 | 24.30 | 24.23 | | | |
| 40 | QPSK | 50 | 0 | 23.42 | 23.52 | 23.44 | 24.5 | 1.0 | |
| 40 | QPSK | 50 | 28 | 24.33 | 24.47 | 24.39 | 25.5 | 0.0 | |
| 40 | QPSK | 50 | 56 | 23.36 | 23.48 | 23.38 | 24.5 | 1.0 | |
| 40 | QPSK | 100 | 0 | 23.40 | 23.45 | 23.32 | | | |
| 40 | 16QAM | 1 | 1 | 23.24 | 23.34 | 23.31 | 24.5 | 1.0 | |
| 40 | 64QAM | 1 | 1 | 22.24 | 22.31 | 22.25 | 23.0 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 20.13 | 20.23 | 20.19 | 21.0 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 25.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 24.50 | 24.55 | 24.53 | | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 24.30 | 24.54 | 24.55 | | | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 25.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 24.30 | 24.40 | 24.49 | | | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 25.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 24.44 | 24.54 | 24.50 | | | |

| n41 Ant2 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.94 | 25.01 | 24.94 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.84 | 24.91 | 24.80 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.79 | 24.94 | 24.85 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.35 | 24.47 | 24.32 | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.84 | 24.97 | 24.90 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.36 | 24.48 | 24.40 | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 24.28 | 24.36 | 24.19 | | | |
| 100 | QPSK | 1 | 1 | 24.95 | 25.06 | 25.00 | | | |
| 100 | QPSK | 1 | 137 | 24.88 | 25.01 | 24.97 | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 24.85 | 24.98 | 24.85 | | | |
| 100 | QPSK | 135 | 0 | 23.91 | 24.00 | 23.94 | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 24.85 | 24.97 | 24.77 | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.81 | 23.87 | 23.73 | 24.7 | 1.0 | |
| 100 | QPSK | 270 | 0 | 23.76 | 23.86 | 23.69 | | | |
| 100 | 16QAM | 1 | 1 | 23.88 | 23.97 | 23.81 | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.54 | 22.63 | 22.51 | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.52 | 20.92 | 20.49 | 21.2 | 4.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 25.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 24.79 | 25.04 | 24.97 | | | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 25.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 24.87 | 25.00 | 24.97 | | | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 25.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 24.84 | 25.01 | 24.88 | | | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 25.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 24.88 | 24.90 | 24.85 | | | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 25.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 24.82 | 25.02 | 24.98 | | | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 25.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 24.88 | 25.02 | 24.94 | | | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 25.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 24.84 | 24.91 | 24.91 | | | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 25.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 24.79 | 24.95 | 24.90 | | | |



| n7 Ant3 Default-Other PA | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.04 | 24.12 | 24.02 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.95 | 24.01 | 23.95 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.88 | 23.81 | 23.75 | | |
| 40 | PI/2 BPSK | 108 | 0 | 23.60 | 23.62 | 23.62 | | |
| 40 | PI/2 BPSK | 108 | 54 | 24.00 | 24.04 | 24.00 | | |
| 40 | PI/2 BPSK | 108 | 108 | 23.43 | 23.48 | 23.45 | | |
| 40 | PI/2 BPSK | 216 | 0 | 23.45 | 23.53 | 23.45 | 25.0 | 0.5 |
| 40 | QPSK | 1 | 1 | 24.16 | 24.24 | 24.11 | | |
| 40 | QPSK | 1 | 108 | 24.04 | 24.16 | 24.00 | | |
| 40 | QPSK | 1 | 214 | 23.94 | 23.98 | 23.87 | | |
| 40 | QPSK | 108 | 0 | 23.10 | 23.23 | 23.14 | | |
| 40 | QPSK | 108 | 54 | 24.06 | 24.08 | 23.89 | | |
| 40 | QPSK | 108 | 108 | 22.92 | 23.07 | 22.91 | 24.5 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.90 | 23.03 | 22.84 | | |
| 40 | 16QAM | 1 | 1 | 23.02 | 23.10 | 22.99 | | |
| 40 | 64QAM | 1 | 1 | 21.63 | 21.79 | 21.64 | | |
| 40 | 256QAM | 1 | 1 | 19.58 | 19.79 | 19.67 | | |
| 40 | 256QAM | 1 | 1 | 19.58 | 19.79 | 19.67 | | |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.03 | 24.14 | 23.97 | 25.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.11 | 24.20 | 24.07 | 25.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.02 | 24.16 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.05 | 24.10 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.07 | 24.10 | 24.06 | 25.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.03 | 24.19 | 24.06 | 25.5 | 0.0 |



| n38 Ant3 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.64 | 24.71 | 24.66 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.50 | 24.55 | 24.58 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.60 | 24.74 | 24.75 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.22 | 24.23 | 24.19 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.61 | 24.72 | 24.65 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.03 | 24.14 | 24.12 | | |
| 40 | PI/2 BPSK | 100 | 0 | 24.18 | 24.17 | 24.14 | 25.2 | 0.5 |
| 40 | QPSK | 1 | 1 | 24.68 | 24.79 | 24.63 | | |
| 40 | QPSK | 1 | 53 | 24.56 | 24.69 | 24.53 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.02 | 24.10 | 24.09 | | |
| 40 | QPSK | 50 | 0 | 23.83 | 23.91 | 23.79 | 24.7 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.62 | 24.75 | 24.67 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.44 | 23.53 | 23.49 | 24.7 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.72 | 23.77 | 23.59 | | |
| 40 | 16QAM | 1 | 1 | 23.72 | 23.87 | 23.74 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.38 | 22.36 | 22.40 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.31 | 20.44 | 20.35 | 21.2 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.60 | 24.64 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.50 | 24.60 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 515002 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.54 | 24.70 | 24.59 | 25.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.64 | 24.66 | 24.55 | 25.7 | 0.0 |

| n41 Ant3 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.09 | 25.19 | 25.05 | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.00 | 25.06 | 25.06 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 24.96 | 25.18 | 25.08 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.53 | 24.63 | 24.45 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.06 | 25.12 | 24.93 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.40 | 24.56 | 24.41 | | |
| 100 | PI/2 BPSK | 270 | 0 | 24.46 | 24.60 | 24.51 | 25.2 | 0.5 |
| 100 | QPSK | 1 | 1 | 25.19 | 25.21 | 25.13 | | |
| 100 | QPSK | 1 | 137 | 24.92 | 25.08 | 25.03 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.05 | 25.13 | 24.98 | | |
| 100 | QPSK | 135 | 0 | 24.11 | 24.13 | 24.16 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.01 | 25.10 | 24.88 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.04 | 24.12 | 23.97 | | |
| 100 | QPSK | 270 | 0 | 24.08 | 24.16 | 23.99 | 24.7 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.20 | 24.26 | 24.27 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.81 | 22.84 | 22.67 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.66 | 20.90 | 20.96 | 21.2 | 4.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.15 | 25.14 | 25.00 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.10 | 25.14 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 25.10 | 25.12 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.07 | 25.18 | 25.08 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.13 | 25.14 | 25.05 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.13 | 25.17 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.15 | 25.08 | 25.00 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.13 | 25.05 | 25.7 | 0.0 |

| n7 Ant4 Default-Other PA | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.10 | 24.19 | 24.07 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.15 | 24.13 | 24.17 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.03 | 24.11 | 24.09 | | |
| 40 | PI/2 BPSK | 108 | 0 | 23.52 | 23.62 | 23.45 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.13 | 24.24 | 24.12 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 23.61 | 23.71 | 23.63 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 23.57 | 23.72 | 23.48 | | |
| 40 | QPSK | 1 | 1 | 24.11 | 24.25 | 23.84 | 25.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 24.03 | 24.19 | 24.13 | | |
| 40 | QPSK | 1 | 214 | 23.92 | 24.03 | 23.85 | | |
| 40 | QPSK | 108 | 0 | 23.09 | 23.12 | 23.01 | 24.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 24.11 | 24.17 | 24.00 | 25.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 23.09 | 23.15 | 23.06 | 24.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.93 | 23.20 | 22.84 | | |
| 40 | 16QAM | 1 | 1 | 22.76 | 22.95 | 22.85 | 24.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.49 | 21.52 | 21.46 | 22.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 19.71 | 19.83 | 19.83 | 20.5 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.00 | 24.11 | 23.75 | 25.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.06 | 24.12 | 23.72 | 25.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.07 | 24.19 | 23.79 | 25.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.05 | 24.12 | 23.75 | 25.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.04 | 24.18 | 23.71 | 25.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.96 | 24.17 | 23.77 | 25.0 | 0.0 |



| n38 Ant4 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.59 | 24.63 | 24.51 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.34 | 24.46 | 24.43 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.53 | 24.55 | 24.46 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.97 | 24.02 | 23.96 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.39 | 24.54 | 24.39 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.10 | 24.12 | 23.97 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.03 | 24.06 | 23.96 | | |
| 40 | QPSK | 1 | 1 | 24.62 | 24.66 | 24.47 | | |
| 40 | QPSK | 1 | 53 | 24.42 | 24.44 | 24.32 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.07 | 24.25 | 23.98 | | |
| 40 | QPSK | 50 | 0 | 23.31 | 23.51 | 23.49 | 24.5 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.41 | 24.53 | 24.41 | 25.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.30 | 23.44 | 23.34 | 24.5 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.51 | 23.58 | 23.48 | | |
| 40 | 16QAM | 1 | 1 | 23.69 | 23.71 | 23.73 | 24.5 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.19 | 22.36 | 22.27 | 23.0 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.27 | 20.25 | 20.09 | 21.0 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2535.01 | 2595 | 2604.99 | 23.5 | 0.0 |
| 30 | QPSK | 1 | 1 | 24.52 | 24.53 | 24.41 | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 1 | 24.49 | 24.52 | 24.34 | | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 23.5 | 0.0 |
| 15 | QPSK | 1 | 1 | 24.47 | 24.62 | 24.30 | | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 23.5 | 0.0 |
| 10 | QPSK | 1 | 1 | 24.57 | 24.57 | 24.43 | | |

| n41 Ant4 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2548.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.98 | 25.16 | 24.97 | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.05 | 25.13 | 25.06 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 25.05 | 25.05 | 24.94 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.39 | 24.53 | 24.43 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 25.05 | 24.92 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.43 | 24.61 | 24.58 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.41 | 24.65 | 24.39 | | |
| 100 | QPSK | 1 | 1 | 25.12 | 25.17 | 24.97 | | |
| 100 | QPSK | 1 | 137 | 24.89 | 24.96 | 24.95 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.02 | 25.12 | 25.09 | | |
| 100 | QPSK | 135 | 0 | 23.93 | 24.07 | 23.91 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.02 | 25.11 | 24.92 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.00 | 24.12 | 23.96 | 24.7 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.97 | 24.07 | 23.97 | | |
| 100 | 16QAM | 1 | 1 | 24.13 | 24.22 | 24.23 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.54 | 22.61 | 22.56 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.96 | 20.98 | 20.99 | 21.2 | 4.5 |
| Channel | | | | 508200 | 518598 | 528998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 23.5 | 0.0 |
| 90 | QPSK | 1 | 1 | 25.01 | 25.14 | 24.91 | | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 23.5 | 0.0 |
| 80 | QPSK | 1 | 1 | 25.05 | 25.14 | 24.88 | | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 23.5 | 0.0 |
| 70 | QPSK | 1 | 1 | 24.99 | 25.07 | 24.94 | | |
| Channel | | | | 505200 | 518598 | 531998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 23.5 | 0.0 |
| 60 | QPSK | 1 | 1 | 25.03 | 25.05 | 24.89 | | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 23.5 | 0.0 |
| 50 | QPSK | 1 | 1 | 25.03 | 25.14 | 24.89 | | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 23.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 25.09 | 25.11 | 24.90 | | |
| Channel | | | | 502200 | 518598 | 534998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 23.5 | 0.0 |
| 30 | QPSK | 1 | 1 | 25.07 | 25.07 | 24.86 | | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 23.5 | 0.0 |
| 20 | QPSK | 1 | 1 | 25.03 | 25.03 | 24.89 | | |



| Part270 n77 Ant4 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.06 | 23.08 | 22.96 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.92 | 22.97 | 22.81 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.75 | 22.90 | 22.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.11 | 22.21 | 22.12 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.99 | 23.04 | 23.01 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.20 | 22.36 | 22.34 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.21 | 22.32 | 22.24 | | | |
| 100 | QPSK | 1 | 1 | 22.96 | 23.14 | 23.03 | | | |
| 100 | QPSK | 1 | 137 | 23.07 | 23.10 | 23.08 | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.92 | 23.02 | 22.92 | | | |
| 100 | QPSK | 135 | 0 | 21.92 | 21.97 | 21.91 | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.91 | 23.06 | 22.98 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.78 | 21.93 | 21.80 | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.83 | 21.98 | 21.90 | | | |
| 100 | 16QAM | 1 | 1 | 21.84 | 21.99 | 21.85 | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.40 | 20.45 | 20.35 | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.54 | 18.61 | 18.57 | 20.0 | 4.5 | |
| Channel | | | | 646988 | 656000 | 662334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 22.85 | 23.05 | 22.99 | 24.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 662668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 1 | 22.83 | 22.97 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 663000 | | | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 22.84 | 23.03 | 22.91 | 24.5 | 0.0 | |
| Channel | | | | 646668 | 656000 | 663334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 22.80 | 22.99 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 663668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 22.80 | 23.03 | 23.01 | 24.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 664000 | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 22.83 | 23.03 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 647668 | 656000 | 664334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 22.91 | 23.11 | 22.99 | 24.5 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 22.84 | 23.08 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | | | |
| Frequency (MHz) | | | | 3707.82 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 22.90 | 23.00 | 22.96 | 24.5 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 22.87 | 22.97 | 22.97 | 24.5 | 0.0 | |

| Part27Q n77 Ant4 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 23.03 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.11 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.48 | | | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.17 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.31 | | | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.41 | | | | | |
| 100 | QPSK | 1 | 1 | 23.19 | | | | | |
| 100 | QPSK | 1 | 137 | 23.10 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.95 | | | | | |
| 100 | QPSK | 135 | 0 | 22.10 | | | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.16 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.05 | | | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.09 | | | | | |
| 100 | 16QAM | 1 | 1 | 22.05 | | | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.51 | | | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.92 | | | 20.0 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 23.10 | 23.15 | 23.08 | 24.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 22.81 | 23.04 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 23.04 | 23.10 | 23.05 | 24.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 22.99 | 23.05 | 22.98 | 24.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 23.07 | 23.15 | 23.09 | 24.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 22.98 | 23.06 | 22.99 | 24.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 23.02 | 23.15 | 23.02 | 24.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 23.08 | 23.14 | 23.02 | 24.5 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 23.02 | 23.14 | 23.08 | 24.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 23.05 | 23.08 | 22.97 | 24.5 | 0.0 | |



| Part270 n78 PC3 Ant4 Default | | | | | | | | | |
|------------------------------|-----------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.00 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 22.90 | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.96 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.18 | | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | | 22.97 | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 22.32 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 22.24 | | 24.0 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 23.10 | | | | |
| 100 | QPSK | 1 | 137 | | 23.02 | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 23.06 | | | | |
| 100 | QPSK | 135 | 0 | | 21.83 | | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 23.03 | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 21.90 | | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | | 21.79 | | | | |
| 100 | 16QAM | 1 | 1 | | 21.74 | | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | | 20.49 | | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 18.55 | | 20.0 | 4.5 | |
| | Channel | | | 649668 | 650000 | 650334 | | | |
| | Frequency (MHz) | | | 3745.02 | 3750 | 3755.01 | Tune-up limit (dBm) | MPR (dB) | |
| 90 | QPSK | 1 | 1 | | 22.80 | 22.97 | 22.24 | 24.5 | 0.0 |
| | Channel | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | | 22.86 | 22.98 | 22.25 | 24.5 | 0.0 |
| | Channel | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | | 22.97 | 23.04 | 22.91 | 24.5 | 0.0 |
| | Channel | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | | 22.91 | 23.01 | 22.29 | 24.5 | 0.0 |
| | Channel | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | | 22.99 | 23.02 | 22.95 | 24.5 | 0.0 |
| | Channel | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | | 23.02 | 23.06 | 22.98 | 24.5 | 0.0 |
| | Channel | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | | 22.90 | 22.96 | 22.25 | 24.5 | 0.0 |
| | Channel | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | | 22.96 | 23.01 | 22.94 | 24.5 | 0.0 |
| | Channel | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3707.82 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 1 | | 22.92 | 23.02 | 22.91 | 24.5 | 0.0 |
| | Channel | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | | 22.82 | 22.96 | 22.82 | 24.5 | 0.0 |

| Part270 n78 PC2 Ant4 Default | | | | | | | | | |
|------------------------------|-----------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.04 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 23.57 | | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.59 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.12 | | 25.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | | 23.56 | | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 23.02 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 23.04 | | 25.0 | 0.5 | |
| 100 | QPSK | 1 | 1 | | 23.69 | | | | |
| 100 | QPSK | 1 | 137 | | 23.54 | | 25.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 23.65 | | | | |
| 100 | QPSK | 135 | 0 | | 22.61 | | 24.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | | 23.55 | | 25.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 22.53 | | 24.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | | 22.57 | | | | |
| 100 | 16QAM | 1 | 1 | | 22.54 | | 24.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | | 21.04 | | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | | 19.00 | | 21.0 | 4.5 | |
| | Channel | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 1 | | 23.00 | 23.58 | 23.64 | 25.5 | 0.0 |
| | Channel | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | | 23.58 | 23.57 | 23.63 | 25.5 | 0.0 |
| | Channel | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | | 23.59 | 23.57 | 23.60 | 25.5 | 0.0 |
| | Channel | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | | 23.61 | 23.61 | 23.65 | 25.5 | 0.0 |
| | Channel | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | | 23.57 | 23.54 | 23.58 | 25.5 | 0.0 |
| | Channel | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | | 23.65 | 23.63 | 23.59 | 25.5 | 0.0 |
| | Channel | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | | 23.60 | 23.57 | 23.57 | 25.5 | 0.0 |
| | Channel | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | | 23.64 | 23.60 | 23.58 | 25.5 | 0.0 |
| | Channel | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3707.82 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 1 | | 23.60 | 23.54 | 23.64 | 25.5 | 0.0 |
| | Channel | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| | Frequency (MHz) | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | | 23.55 | 23.60 | 23.65 | 25.5 | 0.0 |



| Part27Q n78 PC3 Ant4 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633334 | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.10 | 23.10 | 23.10 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.06 | 23.06 | 23.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.91 | 22.91 | 22.91 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.39 | 22.39 | 22.39 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.07 | 23.07 | 23.07 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.26 | 22.26 | 22.26 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.30 | 22.30 | 22.30 | | | |
| 100 | QPSK | 1 | 1 | 23.14 | 23.14 | 23.14 | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 137 | 23.07 | 23.07 | 23.07 | | | |
| 100 | QPSK | 1 | 271 | 22.89 | 22.89 | 22.89 | | | |
| 100 | QPSK | 135 | 0 | 22.05 | 22.05 | 22.05 | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.12 | 23.12 | 23.12 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.93 | 21.93 | 21.93 | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.03 | 22.03 | 22.03 | | | |
| 100 | 16QAM | 1 | 1 | 21.79 | 21.79 | 21.79 | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.72 | 20.72 | 20.72 | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.70 | 18.70 | 18.70 | 20.0 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | Tune-up limit (dBm) | MPR (dB) | |
| 90 | QPSK | 1 | 1 | 22.85 | 23.02 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 22.89 | 23.12 | 23.07 | 24.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 22.89 | 23.00 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 23.01 | 23.00 | 22.99 | 24.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 22.94 | 23.00 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 22.89 | 23.11 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 22.95 | 23.00 | 22.87 | 24.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 23.03 | 23.00 | 22.97 | 24.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 23.00 | 23.04 | 22.92 | 24.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 22.94 | 23.06 | 22.99 | 24.5 | 0.0 | |

| Part27Q n78 PC2 Ant4 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633334 | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.61 | 23.61 | 23.61 | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.64 | 23.64 | 23.64 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.57 | 23.57 | 23.57 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.19 | 23.19 | 23.19 | 25.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.62 | 23.62 | 23.62 | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.04 | 23.04 | 23.04 | 25.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 23.16 | 23.16 | 23.16 | | | |
| 100 | QPSK | 1 | 1 | 23.75 | 23.75 | 23.75 | 25.5 | 0.0 | |
| 100 | QPSK | 1 | 137 | 23.69 | 23.69 | 23.69 | | | |
| 100 | QPSK | 1 | 271 | 23.52 | 23.52 | 23.52 | | | |
| 100 | QPSK | 135 | 0 | 22.65 | 22.65 | 22.65 | 24.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.71 | 23.71 | 23.71 | 25.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.60 | 22.60 | 22.60 | 24.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.68 | 22.68 | 22.68 | | | |
| 100 | 16QAM | 1 | 1 | 22.56 | 22.56 | 22.56 | 24.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 21.18 | 21.18 | 21.18 | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.33 | 18.33 | 18.33 | 21.0 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | Tune-up limit (dBm) | MPR (dB) | |
| 90 | QPSK | 1 | 1 | 23.63 | 23.67 | 23.62 | 25.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 23.69 | 23.95 | 23.63 | 25.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 23.64 | 23.71 | 23.68 | 25.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 23.65 | 23.67 | 23.62 | 25.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 23.70 | 23.63 | 23.70 | 25.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 23.71 | 23.65 | 23.71 | 25.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 23.68 | 23.68 | 23.61 | 25.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 23.67 | 23.61 | 23.55 | 25.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 23.61 | 23.64 | 23.71 | 25.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 23.70 | 23.84 | 23.65 | 25.5 | 0.0 | |



| n7 Ant5 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.06 | 25.08 | 24.95 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.99 | 25.12 | 24.98 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.95 | 25.05 | 24.88 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.52 | 24.55 | 24.53 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.94 | 25.02 | 24.96 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.47 | 24.53 | 24.43 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.46 | 24.52 | 24.37 | | |
| 40 | QPSK | 1 | 1 | 25.06 | 25.15 | 25.00 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 24.94 | 25.10 | 24.97 | | |
| 40 | QPSK | 1 | 214 | 25.06 | 25.13 | 25.06 | | |
| 40 | QPSK | 108 | 0 | 23.94 | 24.03 | 23.88 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 25.03 | 25.09 | 24.98 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 24.04 | 24.08 | 23.95 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.90 | 24.03 | 23.97 | | |
| 40 | 16QAM | 1 | 1 | 23.94 | 23.98 | 23.86 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.30 | 22.41 | 22.35 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.55 | 20.67 | 20.60 | 21.2 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 24.96 | 25.08 | 24.88 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 24.98 | 25.00 | 24.91 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 24.95 | 25.07 | 24.87 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.93 | 25.01 | 24.86 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.96 | 25.10 | 24.85 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.91 | 25.03 | 24.86 | 25.7 | 0.0 |



| n38 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.61 | 24.66 | 24.56 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.35 | 24.49 | 24.44 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.47 | 24.60 | 24.45 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.92 | 24.05 | 23.96 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.47 | 24.54 | 24.46 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.01 | 24.13 | 24.06 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 23.85 | 24.01 | 23.92 | | |
| 40 | QPSK | 1 | 1 | 24.63 | 24.70 | 24.69 | | |
| 40 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.39 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.45 | 24.53 | 24.50 | | |
| 40 | QPSK | 50 | 0 | 23.50 | 23.54 | 23.41 | 24.7 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.34 | 24.49 | 24.43 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.56 | 23.60 | 23.55 | 24.7 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.41 | 23.54 | 23.48 | | |
| 40 | 16QAM | 1 | 1 | 23.43 | 23.56 | 23.46 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.89 | 22.04 | 21.94 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.29 | 20.36 | 20.20 | 21.2 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.59 | 24.60 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.51 | 24.54 | 24.51 | 25.7 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.60 | 24.63 | 24.60 | 25.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.52 | 24.64 | 24.60 | 25.7 | 0.0 |

| n41 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.94 | 25.07 | 24.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.93 | 24.99 | 24.90 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 25.01 | 25.04 | 24.97 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.45 | 24.58 | 24.41 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.08 | 25.10 | 25.07 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.33 | 24.47 | 24.31 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.52 | 24.59 | 24.46 | | |
| 100 | QPSK | 1 | 1 | 25.02 | 25.13 | 25.11 | | |
| 100 | QPSK | 1 | 137 | 24.95 | 25.11 | 25.07 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.96 | 25.06 | 25.00 | | |
| 100 | QPSK | 135 | 0 | 23.94 | 24.10 | 24.07 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.01 | 25.08 | 24.94 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.95 | 23.97 | 23.88 | 24.7 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.95 | 24.07 | 24.03 | | |
| 100 | 16QAM | 1 | 1 | 24.06 | 24.20 | 24.15 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.51 | 22.54 | 22.41 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.61 | 20.63 | 20.46 | 21.2 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 24.96 | 25.00 | 25.05 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 24.85 | 24.98 | 24.99 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 24.99 | 25.10 | 25.02 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 24.91 | 24.99 | 25.09 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 24.89 | 25.09 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 24.99 | 25.06 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 24.98 | 24.99 | 25.03 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 24.93 | 25.06 | 25.09 | 25.7 | 0.0 |



| Part270 n77 Ant6 Default | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 65000 | 65000 | 66200 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.84 | 23.97 | 23.85 | | |
| 100 | PI/2 BPSK | 1 | 137 | 23.92 | 23.95 | 23.86 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 23.84 | 23.91 | 23.86 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.39 | 23.47 | 23.36 | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 23.84 | 23.94 | 23.85 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.25 | 23.37 | 23.22 | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 23.30 | 23.41 | 23.34 | | |
| 100 | QPSK | 1 | 1 | 23.82 | 24.00 | 23.87 | | |
| 100 | QPSK | 1 | 137 | 23.79 | 23.91 | 23.78 | 25.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 23.82 | 23.85 | 23.78 | | |
| 100 | QPSK | 135 | 0 | 22.82 | 22.91 | 22.86 | 24.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 23.71 | 23.89 | 23.76 | 25.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.76 | 22.83 | 22.70 | 24.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 22.70 | 22.83 | 22.68 | | |
| 100 | 16QAM | 1 | 1 | 22.78 | 22.88 | 22.78 | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.43 | 21.51 | 21.46 | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.31 | 19.41 | 19.37 | 21.0 | 4.5 |
| Channel | | | | 646968 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 25.5 | 0.0 |
| 90 | QPSK | 1 | 1 | 23.73 | 23.83 | 23.78 | 25.5 | 0.0 |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 25.5 | 0.0 |
| 80 | QPSK | 1 | 1 | 23.69 | 23.86 | 23.75 | 25.5 | 0.0 |
| Channel | | | | 645000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 25.5 | 0.0 |
| 70 | QPSK | 1 | 1 | 23.67 | 23.87 | 23.73 | 25.5 | 0.0 |
| Channel | | | | 646868 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 25.5 | 0.0 |
| 60 | QPSK | 1 | 1 | 23.65 | 23.83 | 23.74 | 25.5 | 0.0 |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 25.5 | 0.0 |
| 50 | QPSK | 1 | 1 | 23.70 | 23.87 | 23.74 | 25.5 | 0.0 |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 23.73 | 23.97 | 23.81 | 25.5 | 0.0 |
| Channel | | | | 647668 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 25.5 | 0.0 |
| 30 | QPSK | 1 | 1 | 23.70 | 23.91 | 23.80 | 25.5 | 0.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 1 | 23.69 | 23.97 | 23.83 | 25.5 | 0.0 |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | 25.5 | 0.0 |
| 15 | QPSK | 1 | 1 | 23.78 | 23.90 | 23.77 | 25.5 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 25.5 | 0.0 |
| 10 | QPSK | 1 | 1 | 23.67 | 23.96 | 23.74 | 25.5 | 0.0 |

| Part27Q n77 Ant6 Default | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 633000 | 633334 | 635000 | | |
| Frequency (MHz) | | | | 3500.01 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.71 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.59 | | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 24.55 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.19 | | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 24.61 | | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 23.95 | | | 25.0 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.05 | | | | |
| 100 | QPSK | 1 | 1 | 24.75 | | | | |
| 100 | QPSK | 1 | 137 | 24.72 | | | 25.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.61 | | | | |
| 100 | QPSK | 135 | 0 | 23.66 | | | 24.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 24.58 | | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.52 | | | 24.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.59 | | | | |
| 100 | 16QAM | 1 | 1 | 23.72 | | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.38 | | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.34 | | | 21.0 | 4.5 |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 25.5 | 0.0 |
| 90 | QPSK | 1 | 1 | 24.68 | 24.71 | 24.57 | 25.5 | 0.0 |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 25.5 | 0.0 |
| 80 | QPSK | 1 | 1 | 24.57 | 24.67 | 24.61 | 25.5 | 0.0 |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 25.5 | 0.0 |
| 70 | QPSK | 1 | 1 | 24.61 | 24.71 | 24.63 | 25.5 | 0.0 |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 25.5 | 0.0 |
| 60 | QPSK | 1 | 1 | 24.57 | 24.67 | 24.63 | 25.5 | 0.0 |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 25.5 | 0.0 |
| 50 | QPSK | 1 | 1 | 24.65 | 24.68 | 24.61 | 25.5 | 0.0 |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 24.59 | 24.70 | 24.64 | 25.5 | 0.0 |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 25.5 | 0.0 |
| 30 | QPSK | 1 | 1 | 24.67 | 24.66 | 24.61 | 25.5 | 0.0 |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 25.5 | 0.0 |
| 20 | QPSK | 1 | 1 | 24.60 | 24.70 | 24.62 | 25.5 | 0.0 |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 25.5 | 0.0 |
| 15 | QPSK | 1 | 1 | 24.64 | 24.66 | 24.59 | 25.5 | 0.0 |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 25.5 | 0.0 |
| 10 | QPSK | 1 | 1 | 24.57 | 24.66 | 24.61 | 25.5 | 0.0 |



| Part270 n78 PC3 Ant6 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.92 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.88 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.86 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.40 | | | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.93 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.37 | | | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 23.36 | | | | | |
| 100 | QPSK | 1 | 1 | 23.96 | | | | | |
| 100 | QPSK | 1 | 137 | 23.89 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.92 | | | | | |
| 100 | QPSK | 135 | 0 | 22.90 | | | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.88 | | | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.83 | | | 24.7 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.80 | | | | | |
| 100 | 16QAM | 1 | 1 | 22.73 | | | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 21.43 | | | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 19.27 | | | 21.2 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 25.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 23.73 | 23.84 | 23.76 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 25.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 23.77 | 23.85 | 23.84 | 25.7 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 25.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 23.83 | 23.82 | 23.84 | 25.7 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 25.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 23.74 | 23.87 | 23.78 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 25.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 23.73 | 23.88 | 23.79 | 25.7 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 25.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 23.80 | 23.90 | 23.83 | 25.7 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 25.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 23.77 | 23.86 | 23.80 | 25.7 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 25.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 23.79 | 23.86 | 23.77 | 25.7 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | 25.7 | 0.0 | |
| 15 | QPSK | 1 | 1 | 23.73 | 23.87 | 23.76 | 25.7 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 25.7 | 0.0 | |
| 10 | QPSK | 1 | 1 | 23.83 | 23.84 | 23.80 | 25.7 | 0.0 | |

| Part270 n78 PC2 Ant6 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 26.69 | | | 28.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 26.66 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 26.59 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 26.03 | | | 28.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 26.69 | | | 28.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 26.12 | | | 28.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 26.16 | | | | | |
| 100 | QPSK | 1 | 1 | 26.71 | | | | | |
| 100 | QPSK | 1 | 137 | 26.54 | | | 28.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 26.65 | | | | | |
| 100 | QPSK | 135 | 0 | 25.59 | | | 27.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 26.69 | | | 28.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 25.54 | | | 27.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 25.60 | | | | | |
| 100 | 16QAM | 1 | 1 | 25.81 | | | 27.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 24.47 | | | 26.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 22.21 | | | 24.0 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 28.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 26.53 | 26.63 | 26.51 | 28.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 28.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 26.54 | 26.67 | 26.52 | 28.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 28.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 26.60 | 26.59 | 26.55 | 28.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 28.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 26.62 | 26.63 | 26.59 | 28.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 28.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 26.57 | 26.57 | 26.56 | 28.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 28.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 26.61 | 26.66 | 26.62 | 28.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 28.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 26.54 | 26.62 | 26.53 | 28.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 28.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 26.59 | 26.57 | 26.56 | 28.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | 28.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 26.60 | 26.59 | 26.60 | 28.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 28.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 26.54 | 26.59 | 26.54 | 28.5 | 0.0 | |



| Part27Q n78 PC3 Ant6 Default | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633334 | | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.68 | | | 25.7 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.65 | | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.50 | | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.17 | | 25.2 | | | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.69 | | 25.7 | | | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.67 | | 25.2 | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 24.16 | | | | | | |
| 100 | QPSK | 1 | 1 | 24.73 | | 25.7 | | | 0.0 | |
| 100 | QPSK | 1 | 137 | 24.63 | | | | | | |
| 100 | QPSK | 1 | 271 | 24.49 | | | | | | |
| 100 | QPSK | 135 | 0 | 23.68 | | | 24.7 | 1.0 | | |
| 100 | QPSK | 135 | 69 | 24.69 | | | 25.7 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 23.57 | | | 24.7 | 1.0 | | |
| 100 | QPSK | 270 | 0 | 23.64 | | | | | | |
| 100 | 16QAM | 1 | 1 | 23.81 | | | 24.7 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | 22.36 | | | 23.2 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | 20.22 | | | 21.2 | 4.5 | | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 25.7 | 0.0 | | |
| 90 | QPSK | 1 | 1 | 24.55 | 24.60 | 24.55 | 25.7 | 0.0 | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 25.7 | 0.0 | | |
| 80 | QPSK | 1 | 1 | 24.61 | 24.60 | 24.48 | 25.7 | 0.0 | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 25.7 | 0.0 | | |
| 70 | QPSK | 1 | 1 | 24.59 | 24.60 | 24.52 | 25.7 | 0.0 | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 25.7 | 0.0 | | |
| 60 | QPSK | 1 | 1 | 24.57 | 24.65 | 24.50 | 25.7 | 0.0 | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 25.7 | 0.0 | | |
| 50 | QPSK | 1 | 1 | 24.60 | 24.50 | 24.48 | 25.7 | 0.0 | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 25.7 | 0.0 | | |
| 40 | QPSK | 1 | 1 | 24.60 | 24.60 | 24.53 | 25.7 | 0.0 | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 25.7 | 0.0 | | |
| 30 | QPSK | 1 | 1 | 24.64 | 24.68 | 24.59 | 25.7 | 0.0 | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 25.7 | 0.0 | | |
| 20 | QPSK | 1 | 1 | 24.62 | 24.63 | 24.59 | 25.7 | 0.0 | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 25.7 | 0.0 | | |
| 15 | QPSK | 1 | 1 | 24.66 | 24.59 | 24.57 | 25.7 | 0.0 | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 25.7 | 0.0 | | |
| 10 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.51 | 25.7 | 0.0 | | |

| Part27Q n78 PC2 Ant6 Default | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633334 | | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 27.25 | | | 28.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 27.15 | | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 27.01 | | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 26.78 | | 28.0 | | | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 27.17 | | 28.5 | | | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 26.55 | | 28.0 | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 26.64 | | | | | | |
| 100 | QPSK | 1 | 1 | 27.29 | | 28.5 | | | 0.0 | |
| 100 | QPSK | 1 | 137 | 27.25 | | | | | | |
| 100 | QPSK | 1 | 271 | 27.12 | | | | | | |
| 100 | QPSK | 135 | 0 | 26.30 | | | 27.5 | 1.0 | | |
| 100 | QPSK | 135 | 69 | 27.22 | | | 28.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 26.08 | | | 27.5 | 1.0 | | |
| 100 | QPSK | 270 | 0 | 26.10 | | | | | | |
| 100 | 16QAM | 1 | 1 | 26.23 | | | 27.5 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | 24.88 | | | 26.0 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | 22.55 | | | 24.0 | 4.5 | | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 25.7 | 0.0 | | |
| 90 | QPSK | 1 | 1 | 27.48 | 27.24 | 27.16 | 28.5 | 0.0 | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 25.7 | 0.0 | | |
| 80 | QPSK | 1 | 1 | 27.46 | 27.18 | 27.22 | 28.5 | 0.0 | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 25.7 | 0.0 | | |
| 70 | QPSK | 1 | 1 | 27.49 | 27.17 | 27.23 | 28.5 | 0.0 | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 25.7 | 0.0 | | |
| 60 | QPSK | 1 | 1 | 27.24 | 27.18 | 27.22 | 28.5 | 0.0 | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 25.7 | 0.0 | | |
| 50 | QPSK | 1 | 1 | 27.21 | 27.20 | 27.21 | 28.5 | 0.0 | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 25.7 | 0.0 | | |
| 40 | QPSK | 1 | 1 | 27.44 | 27.24 | 27.18 | 28.5 | 0.0 | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 25.7 | 0.0 | | |
| 30 | QPSK | 1 | 1 | 27.47 | 27.15 | 27.25 | 28.5 | 0.0 | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 25.7 | 0.0 | | |
| 20 | QPSK | 1 | 1 | 27.25 | 27.14 | 27.25 | 28.5 | 0.0 | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 25.7 | 0.0 | | |
| 15 | QPSK | 1 | 1 | 27.20 | 27.22 | 27.25 | 28.5 | 0.0 | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 25.7 | 0.0 | | |
| 10 | QPSK | 1 | 1 | 27.22 | 27.15 | 27.26 | 28.5 | 0.0 | | |



| Part270 n77 Ant7 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.82 | 24.92 | 24.81 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.95 | 25.00 | 24.89 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.97 | 25.02 | 24.94 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.25 | 24.30 | 24.27 | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.92 | 25.05 | 24.97 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.31 | 24.34 | 24.20 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 24.78 | 24.88 | 24.75 | 25.2 | 0.5 | |
| 100 | QPSK | 1 | 1 | 24.81 | 25.10 | 24.93 | | | |
| 100 | QPSK | 1 | 137 | 24.95 | 25.02 | 24.99 | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 24.91 | 25.07 | 24.96 | | | |
| 100 | QPSK | 135 | 0 | 24.00 | 24.04 | 23.93 | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 24.92 | 25.07 | 25.01 | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.88 | 23.98 | 23.84 | | | |
| 100 | QPSK | 270 | 0 | 23.87 | 24.05 | 23.98 | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 23.78 | 23.85 | 23.70 | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.46 | 22.61 | 22.58 | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.53 | 20.66 | 20.57 | 21.2 | 4.5 | |
| Channel | | | | 648688 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 24.70 | 25.07 | 24.85 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 1 | 24.67 | 25.02 | 24.83 | 25.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 24.70 | 24.98 | 24.82 | 25.7 | 0.0 | |
| Channel | | | | 648688 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 24.65 | 24.95 | 24.77 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 24.70 | 25.02 | 24.83 | 25.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 24.68 | 25.03 | 24.83 | 25.7 | 0.0 | |
| Channel | | | | 647668 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 24.70 | 24.94 | 24.89 | 25.7 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 24.66 | 25.02 | 24.84 | 25.7 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 24.69 | 24.95 | 24.81 | 25.7 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 24.77 | 24.97 | 24.83 | 25.7 | 0.0 | |

| Part27Q n77 Ant7 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.11 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.10 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.99 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.33 | | | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 25.08 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.27 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 24.92 | | | 25.2 | 0.5 | |
| 100 | QPSK | 1 | 1 | 25.13 | | | | | |
| 100 | QPSK | 1 | 137 | 25.09 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 25.03 | | | | | |
| 100 | QPSK | 135 | 0 | 24.07 | | | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 25.06 | | | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.89 | | | | | |
| 100 | QPSK | 270 | 0 | 23.95 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 24.08 | | | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.69 | | | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.68 | | | 21.2 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 24.90 | 25.01 | 24.98 | 25.7 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 24.87 | 24.99 | 24.88 | 25.7 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 25.02 | 25.05 | 24.97 | 25.7 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 24.99 | 25.01 | 24.98 | 25.7 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 24.85 | 25.02 | 24.94 | 25.7 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 24.88 | 25.03 | 24.88 | 25.7 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 25.04 | 25.07 | 25.01 | 25.7 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 24.89 | 25.03 | 25.01 | 25.7 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 24.96 | 25.10 | 25.04 | 25.7 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 24.98 | 25.00 | 24.96 | 25.7 | 0.0 | |



| Part270 n78 PC3 Ant7 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) | |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.96 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.08 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.03 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.19 | | | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | | | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.28 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 24.75 | | | 25.2 | 0.5 | |
| 100 | QPSK | 1 | 1 | 25.11 | | | | | |
| 100 | QPSK | 1 | 137 | 24.96 | | | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 25.04 | | | | | |
| 100 | QPSK | 135 | 0 | 23.92 | | | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 25.01 | | | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.99 | | | | | |
| 100 | QPSK | 270 | 0 | 23.98 | | | 24.7 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 23.79 | | | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.49 | | | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.68 | | | 21.2 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 1 | 24.80 | 24.94 | 24.89 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | 24.95 | 25.04 | 24.99 | 25.7 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | 24.91 | 24.95 | 24.89 | 25.7 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | 24.88 | 25.03 | 24.92 | 25.7 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | 24.93 | 24.97 | 24.80 | 25.7 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | 25.01 | 25.09 | 25.01 | 25.7 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | 24.80 | 24.94 | 24.77 | 25.7 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | 24.84 | 24.98 | 24.90 | 25.7 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 1 | 24.96 | 25.03 | 24.88 | 25.7 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | 24.94 | 24.99 | 24.90 | 25.7 | 0.0 | |

| Part270 n78 PC2 Ant7 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) | |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.40 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.46 | | | 27.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 25.49 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.88 | | | 26.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 25.45 | | | 27.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.97 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 25.35 | | | 26.5 | 0.5 | |
| 100 | QPSK | 1 | 1 | 25.67 | | | | | |
| 100 | QPSK | 1 | 137 | 25.38 | | | 27.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 25.49 | | | | | |
| 100 | QPSK | 135 | 0 | 24.36 | | | 26.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 25.45 | | | 27.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 24.40 | | | | | |
| 100 | QPSK | 270 | 0 | 24.36 | | | 26.0 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 24.44 | | | 26.0 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.82 | | | 24.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.75 | | | 22.5 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 1 | 25.37 | 25.46 | 25.34 | 27.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | 25.43 | 25.47 | 25.43 | 27.0 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | 25.33 | 25.42 | 25.27 | 27.0 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | 25.38 | 25.47 | 25.37 | 27.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | 25.35 | 25.42 | 25.39 | 27.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | 25.29 | 25.42 | 25.32 | 27.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | 25.37 | 25.44 | 25.40 | 27.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | 25.33 | 25.45 | 25.31 | 27.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | | | |
| 15 | QPSK | 1 | 1 | 25.35 | 25.41 | 25.39 | 27.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | 25.39 | 25.46 | 25.35 | 27.0 | 0.0 | |



| Part27Q n78 PC3 Ant7 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.05 | 25.05 | 25.05 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 25.00 | 25.00 | 25.00 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.02 | 25.02 | 25.02 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.40 | 24.40 | 24.40 | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 25.09 | 25.09 | 25.09 | 25.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.34 | 24.34 | 24.34 | 25.2 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 24.80 | 24.80 | 24.80 | | | |
| 100 | QPSK | 1 | 1 | 25.15 | 25.15 | 25.15 | 25.7 | 0.0 | |
| 100 | QPSK | 1 | 137 | 25.01 | 25.01 | 25.01 | | | |
| 100 | QPSK | 1 | 271 | 25.01 | 25.01 | 25.01 | | | |
| 100 | QPSK | 135 | 0 | 24.10 | 24.10 | 24.10 | 24.7 | 1.0 | |
| 100 | QPSK | 135 | 69 | 25.12 | 25.12 | 25.12 | 25.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 24.03 | 24.03 | 24.03 | 24.7 | 1.0 | |
| 100 | QPSK | 270 | 0 | 24.01 | 24.01 | 24.01 | | | |
| 100 | 16QAM | 1 | 1 | 24.12 | 24.12 | 24.12 | 24.7 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.56 | 22.56 | 22.56 | 23.2 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.78 | 20.78 | 20.78 | 21.2 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 25.00 | 25.10 | 24.90 | 25.7 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 24.92 | 25.07 | 25.03 | 25.7 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 24.86 | 25.00 | 24.89 | 25.7 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 24.96 | 25.10 | 24.99 | 25.7 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 24.90 | 25.05 | 24.92 | 25.7 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 25.02 | 25.05 | 24.89 | 25.7 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 24.83 | 25.00 | 24.93 | 25.7 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 25.07 | 25.12 | 25.05 | 25.7 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 24.93 | 25.02 | 24.98 | 25.7 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 25.02 | 25.07 | 25.04 | 25.7 | 0.0 | |

| Part27Q n78 PC2 Ant7 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.46 | 25.46 | 25.46 | 27.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 25.50 | 25.50 | 25.50 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 25.44 | 25.44 | 25.44 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 25.07 | 25.07 | 25.07 | 26.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 25.53 | 25.53 | 25.53 | 27.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.96 | 24.96 | 24.96 | 26.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 25.50 | 25.50 | 25.50 | | | |
| 100 | QPSK | 1 | 1 | 25.61 | 25.61 | 25.61 | 27.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | 25.57 | 25.57 | 25.57 | | | |
| 100 | QPSK | 1 | 271 | 25.58 | 25.58 | 25.58 | | | |
| 100 | QPSK | 135 | 0 | 24.51 | 24.51 | 24.51 | 26.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 25.54 | 25.54 | 25.54 | 27.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 24.47 | 24.47 | 24.47 | 26.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 24.52 | 24.52 | 24.52 | | | |
| 100 | 16QAM | 1 | 1 | 24.60 | 24.60 | 24.60 | 26.0 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 23.49 | 23.49 | 23.49 | 24.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 21.17 | 21.17 | 21.17 | 22.5 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 25.46 | 25.56 | 25.47 | 27.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 25.38 | 25.55 | 25.45 | 27.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 25.53 | 25.58 | 25.48 | 27.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 25.48 | 25.56 | 25.43 | 27.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 25.44 | 25.53 | 25.44 | 27.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 25.52 | 25.58 | 25.48 | 27.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 25.44 | 25.49 | 25.45 | 27.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 25.35 | 25.49 | 25.40 | 27.0 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 25.30 | 25.47 | 25.41 | 27.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 25.46 | 25.57 | 25.48 | 27.0 | 0.0 | |



| Part270 n77 Ant8 Default | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 65000 | 65000 | 66200 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.98 | 24.06 | 23.91 | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.93 | 24.01 | 23.95 | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.07 | 24.10 | 24.06 | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.30 | 23.39 | 23.31 | | |
| 100 | PI/2 BPSK | 135 | 69 | 24.00 | 24.11 | 24.05 | | |
| 100 | PI/2 BPSK | 135 | 138 | 23.42 | 23.51 | 23.43 | | |
| 100 | PI/2 BPSK | 270 | 0 | 23.83 | 23.96 | 23.92 | | |
| 100 | QPSK | 1 | 1 | 24.10 | 24.15 | 24.06 | | |
| 100 | QPSK | 1 | 137 | 23.96 | 24.06 | 23.98 | | |
| 100 | QPSK | 1 | 271 | 24.07 | 24.12 | 24.00 | | |
| 100 | QPSK | 135 | 0 | 22.92 | 23.03 | 22.99 | 24.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 23.96 | 24.07 | 23.97 | 25.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.88 | 23.02 | 22.95 | 24.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 22.85 | 22.98 | 22.91 | | |
| 100 | 16QAM | 1 | 1 | 22.87 | 22.90 | 22.86 | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.44 | 21.59 | 21.50 | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.44 | 19.37 | 19.49 | 21.0 | 4.5 |
| Channel | | | | 64698 | 65000 | 66234 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | (dBm) | (dB) |
| 90 | QPSK | 1 | 1 | 23.94 | 24.02 | 24.01 | 25.5 | 0.0 |
| Channel | | | | 646334 | 65000 | 66268 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) |
| 80 | QPSK | 1 | 1 | 24.02 | 24.06 | 23.99 | 25.5 | 0.0 |
| Channel | | | | 646000 | 65000 | 663000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | (dBm) | (dB) |
| 70 | QPSK | 1 | 1 | 24.01 | 24.01 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 64698 | 65000 | 66334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) |
| 60 | QPSK | 1 | 1 | 23.95 | 24.02 | 23.92 | 25.5 | 0.0 |
| Channel | | | | 646334 | 65000 | 66368 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) |
| 50 | QPSK | 1 | 1 | 24.02 | 24.04 | 23.97 | 25.5 | 0.0 |
| Channel | | | | 646000 | 65000 | 664000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) |
| 40 | QPSK | 1 | 1 | 23.97 | 24.04 | 24.01 | 25.5 | 0.0 |
| Channel | | | | 64768 | 65000 | 66434 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 24.02 | 24.00 | 23.93 | 25.5 | 0.0 |
| Channel | | | | 647334 | 65000 | 66468 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 24.02 | 24.06 | 23.91 | 25.5 | 0.0 |
| Channel | | | | 647168 | 65000 | 664834 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3707.82 | 3840 | 3972.51 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.02 | 24.07 | 23.90 | 25.5 | 0.0 |
| Channel | | | | 647000 | 65000 | 665000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 23.98 | 24.09 | 23.99 | 25.5 | 0.0 |

| Part27Q n77 Ant8 Default | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 63300 | 63334 | 63500 | | |
| Frequency (MHz) | | | | 3500.01 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.98 | | | 25.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 23.96 | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.99 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.26 | | | | |
| 100 | PI/2 BPSK | 135 | 69 | 23.97 | | | | |
| 100 | PI/2 BPSK | 135 | 138 | 23.23 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 23.70 | | | | |
| 100 | QPSK | 1 | 1 | 24.04 | | | | |
| 100 | QPSK | 1 | 137 | 23.95 | | | | |
| 100 | QPSK | 1 | 271 | 24.02 | | | | |
| 100 | QPSK | 135 | 0 | 22.97 | | | 24.5 | 1.0 |
| 100 | QPSK | 135 | 69 | 24.03 | | | 25.5 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.95 | | | 24.5 | 1.0 |
| 100 | QPSK | 270 | 0 | 22.91 | | | | |
| 100 | 16QAM | 1 | 1 | 22.79 | | | 24.5 | 1.0 |
| 100 | 64QAM | 1 | 1 | 21.71 | | | 23.0 | 2.5 |
| 100 | 256QAM | 1 | 1 | 19.73 | | | 21.0 | 4.5 |
| Channel | | | | 633000 | 63334 | 63368 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) |
| 90 | QPSK | 1 | 1 | 23.81 | 23.93 | 23.90 | 25.5 | 0.0 |
| Channel | | | | 63268 | 63334 | 634000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) |
| 80 | QPSK | 1 | 1 | 23.83 | 24.00 | 23.86 | 25.5 | 0.0 |
| Channel | | | | 63234 | 63334 | 63434 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) |
| 70 | QPSK | 1 | 1 | 23.87 | 23.96 | 23.92 | 25.5 | 0.0 |
| Channel | | | | 63200 | 63334 | 63468 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) |
| 60 | QPSK | 1 | 1 | 23.85 | 23.90 | 23.75 | 25.5 | 0.0 |
| Channel | | | | 63168 | 63334 | 635000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) |
| 50 | QPSK | 1 | 1 | 23.74 | 23.88 | 23.78 | 25.5 | 0.0 |
| Channel | | | | 63134 | 63334 | 63534 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) |
| 40 | QPSK | 1 | 1 | 23.77 | 23.88 | 23.74 | 25.5 | 0.0 |
| Channel | | | | 631000 | 63334 | 63568 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 23.92 | 23.97 | 23.88 | 25.5 | 0.0 |
| Channel | | | | 63068 | 63334 | 636000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 23.81 | 23.92 | 23.84 | 25.5 | 0.0 |
| Channel | | | | 630000 | 63334 | 636168 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 23.85 | 23.89 | 23.87 | 25.5 | 0.0 |
| Channel | | | | 630334 | 63334 | 636334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 23.78 | 23.89 | 23.87 | 25.5 | 0.0 |



| Part270 n78 PC3 Ant8 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.10 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.12 | | | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.99 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.22 | | | 25.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.08 | | | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.38 | | | 25.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 23.90 | | | | | |
| 100 | QPSK | 1 | 1 | 24.16 | | | | | |
| 100 | QPSK | 1 | 137 | 24.03 | | | 25.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 24.10 | | | | | |
| 100 | QPSK | 135 | 0 | 23.12 | | | 24.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 24.15 | | | 25.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.10 | | | 24.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 23.01 | | | | | |
| 100 | 16QAM | 1 | 1 | 22.86 | | | 24.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 21.68 | | | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 19.33 | | | 21.0 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 1 | 24.01 | 24.05 | 23.34 | 25.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | 23.89 | 24.03 | 23.39 | 25.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | 23.91 | 24.08 | 24.01 | 25.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | 24.09 | 24.12 | 24.00 | 25.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | 23.97 | 24.02 | 23.35 | 25.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | 24.07 | 24.15 | 24.12 | 25.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | 24.03 | 24.13 | 24.03 | 25.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | 23.92 | 24.01 | 23.39 | 25.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 15 | QPSK | 1 | 1 | 23.89 | 24.04 | 23.36 | 25.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | 24.09 | 24.12 | 24.08 | 25.5 | 0.0 | |

| Part270 n78 PC2 Ant8 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.62 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.50 | | | 26.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 24.38 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.05 | | | 25.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.65 | | | 26.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.12 | | | 25.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 24.66 | | | | | |
| 100 | QPSK | 1 | 1 | 24.68 | | | | | |
| 100 | QPSK | 1 | 137 | 24.58 | | | 26.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 24.44 | | | | | |
| 100 | QPSK | 135 | 0 | 23.41 | | | 25.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 24.54 | | | 26.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.43 | | | 25.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 23.61 | | | | | |
| 100 | 16QAM | 1 | 1 | 23.27 | | | 25.0 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 22.22 | | | 23.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 20.12 | | | 21.5 | 4.5 | |
| Channel | | | | 649668 | 650000 | 650334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | | | |
| 90 | QPSK | 1 | 1 | 24.48 | 24.33 | 24.58 | 25.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | | | |
| 80 | QPSK | 1 | 1 | 24.55 | 24.33 | 24.59 | 25.0 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | | | |
| 70 | QPSK | 1 | 1 | 24.60 | 24.36 | 24.62 | 25.0 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | | | |
| 60 | QPSK | 1 | 1 | 24.42 | 24.58 | 24.50 | 25.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | | | |
| 50 | QPSK | 1 | 1 | 24.50 | 24.62 | 24.49 | 25.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | | | |
| 40 | QPSK | 1 | 1 | 24.46 | 24.58 | 24.45 | 25.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | | | |
| 30 | QPSK | 1 | 1 | 24.57 | 24.63 | 24.58 | 25.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.60 | 24.54 | 25.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 15 | QPSK | 1 | 1 | 24.53 | 24.57 | 24.45 | 25.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | | | |
| 10 | QPSK | 1 | 1 | 24.47 | 24.59 | 24.48 | 25.0 | 0.0 | |



| Part27Q n78 PC3 Ant8 Default | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633334 | | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.01 | | | 25.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 23.92 | | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.97 | | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.32 | | 25.0 | | | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.00 | | 25.5 | | | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.31 | | 25.0 | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 23.74 | | | | | | |
| 100 | QPSK | 1 | 1 | 24.05 | | 25.5 | | | 0.0 | |
| 100 | QPSK | 1 | 137 | 23.97 | | | | | | |
| 100 | QPSK | 1 | 271 | 24.01 | | | | | | |
| 100 | QPSK | 135 | 0 | 23.00 | | | 24.5 | 1.0 | | |
| 100 | QPSK | 135 | 69 | 24.04 | | | 25.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 22.95 | | | 24.5 | 1.0 | | |
| 100 | QPSK | 270 | 0 | 23.01 | | | | | | |
| 100 | 16QAM | 1 | 1 | 22.90 | | | 24.5 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | 21.67 | | | 23.0 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | 19.73 | | | 21.0 | 4.5 | | |
| Channel | | | | 633000 | 633334 | 633668 | | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | Tune-up limit (dBm) | MPR (dB) | | |
| 90 | QPSK | 1 | 1 | 23.75 | 23.92 | 23.81 | 25.5 | 0.0 | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | | |
| 80 | QPSK | 1 | 1 | 23.92 | 23.94 | 23.91 | 25.5 | 0.0 | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | | |
| 70 | QPSK | 1 | 1 | 23.89 | 23.94 | 23.85 | 25.5 | 0.0 | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | | |
| 60 | QPSK | 1 | 1 | 23.95 | 24.02 | 23.95 | 25.5 | 0.0 | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | | |
| 50 | QPSK | 1 | 1 | 23.80 | 23.90 | 23.91 | 25.5 | 0.0 | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | | |
| 40 | QPSK | 1 | 1 | 23.90 | 23.90 | 23.88 | 25.5 | 0.0 | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | | |
| 30 | QPSK | 1 | 1 | 23.93 | 24.03 | 23.88 | 25.5 | 0.0 | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | | |
| 20 | QPSK | 1 | 1 | 23.90 | 24.03 | 23.94 | 25.5 | 0.0 | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | | |
| 15 | QPSK | 1 | 1 | 23.85 | 23.99 | 23.94 | 25.5 | 0.0 | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | | |
| 10 | QPSK | 1 | 1 | 23.93 | 23.97 | 23.81 | 25.5 | 0.0 | | |

| Part27Q n78 PC2 Ant8 Default | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633334 | | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.58 | | | 26.0 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.51 | | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 24.48 | | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.00 | | 25.5 | | | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 24.60 | | 26.0 | | | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 24.05 | | 25.5 | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 24.54 | | | | | | |
| 100 | QPSK | 1 | 1 | 24.51 | | 26.0 | | | 0.0 | |
| 100 | QPSK | 1 | 137 | 24.53 | | | | | | |
| 100 | QPSK | 1 | 271 | 24.58 | | | | | | |
| 100 | QPSK | 135 | 0 | 23.50 | | | 25.0 | 1.0 | | |
| 100 | QPSK | 135 | 69 | 24.56 | | | 26.0 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 23.47 | | | 25.0 | 1.0 | | |
| 100 | QPSK | 270 | 0 | 23.52 | | | | | | |
| 100 | 16QAM | 1 | 1 | 23.37 | | | 25.0 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | 21.92 | | | 23.5 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | 20.06 | | | 21.5 | 4.5 | | |
| Channel | | | | 633000 | 633334 | 633668 | | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | Tune-up limit (dBm) | MPR (dB) | | |
| 90 | QPSK | 1 | 1 | 24.44 | 24.56 | 24.52 | 26.0 | 0.0 | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | | |
| 80 | QPSK | 1 | 1 | 24.32 | 24.47 | 24.35 | 26.0 | 0.0 | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | | |
| 70 | QPSK | 1 | 1 | 24.39 | 24.51 | 24.38 | 26.0 | 0.0 | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | | |
| 60 | QPSK | 1 | 1 | 24.37 | 24.49 | 24.38 | 26.0 | 0.0 | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | | |
| 50 | QPSK | 1 | 1 | 24.45 | 24.54 | 24.45 | 26.0 | 0.0 | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | | |
| 40 | QPSK | 1 | 1 | 24.52 | 24.55 | 24.44 | 26.0 | 0.0 | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | | |
| 30 | QPSK | 1 | 1 | 24.38 | 24.44 | 24.38 | 26.0 | 0.0 | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | | |
| 20 | QPSK | 1 | 1 | 24.35 | 24.49 | 24.36 | 26.0 | 0.0 | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | | |
| 15 | QPSK | 1 | 1 | 24.40 | 24.51 | 24.47 | 26.0 | 0.0 | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | | |
| 10 | QPSK | 1 | 1 | 24.50 | 24.52 | 24.36 | 26.0 | 0.0 | | |



Full&Default Power for 5G NR_Main PA

| n7 Ant3 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.41 | 23.53 | 23.44 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.35 | 23.45 | 23.39 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.23 | 23.26 | 23.19 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.96 | 23.02 | 22.98 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 23.38 | 23.46 | 23.41 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.79 | 22.87 | 22.85 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 22.89 | 22.93 | 22.88 | | |
| 40 | QPSK | 1 | 1 | 23.50 | 23.61 | 23.47 | 25.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 23.40 | 23.54 | 23.39 | | |
| 40 | QPSK | 1 | 214 | 23.32 | 23.35 | 23.23 | | |
| 40 | QPSK | 108 | 0 | 22.53 | 22.58 | 22.54 | 24.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 23.44 | 23.50 | 23.32 | 25.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.28 | 22.43 | 22.29 | 24.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.28 | 22.37 | 22.23 | | |
| 40 | 16QAM | 1 | 1 | 22.41 | 22.45 | 22.32 | 24.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.04 | 21.15 | 21.07 | 22.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 19.01 | 19.17 | 19.11 | 20.5 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 23.41 | 23.47 | 23.41 | 25.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 23.36 | 23.58 | 23.44 | 25.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.46 | 23.51 | 23.38 | 25.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 23.38 | 23.44 | 23.30 | 25.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.40 | 23.52 | 23.34 | 25.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.45 | 23.54 | 23.31 | 25.0 | 0.0 |



| n38 Ant3 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.50 | 22.66 | 22.58 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 22.40 | 22.47 | 22.44 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.47 | 22.64 | 22.61 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.10 | 22.14 | 22.07 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.52 | 22.65 | 22.58 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 21.93 | 22.08 | 21.99 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.02 | 22.11 | 22.00 | 23.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 22.62 | 22.68 | 22.53 | | | |
| 40 | QPSK | 1 | 53 | 22.47 | 22.58 | 22.45 | | | |
| 40 | QPSK | 1 | 104 | 21.92 | 22.02 | 22.00 | 22.5 | 1.0 | |
| 40 | QPSK | 50 | 0 | 21.74 | 21.76 | 21.66 | | | |
| 40 | QPSK | 50 | 28 | 22.53 | 22.61 | 22.58 | | | |
| 40 | QPSK | 50 | 56 | 21.37 | 21.46 | 21.40 | 22.5 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.60 | 21.64 | 21.52 | | | |
| 40 | 16QAM | 1 | 1 | 21.63 | 21.71 | 21.62 | | | |
| 40 | 64QAM | 1 | 1 | 20.27 | 20.31 | 20.25 | 21.0 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.54 | 18.69 | 18.65 | 19.0 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 22.55 | 22.57 | 22.43 | 23.5 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 22.47 | 22.56 | 22.51 | 23.5 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 22.53 | 22.58 | 22.39 | 23.5 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 22.51 | 22.52 | 22.42 | 23.5 | 0.0 | |

| n41 Ant3 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.28 | 23.40 | 23.29 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.25 | 23.28 | 23.24 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.19 | 23.35 | 23.24 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.72 | 22.80 | 22.69 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.26 | 23.33 | 23.16 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.55 | 22.72 | 22.65 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.65 | 22.82 | 22.79 | | | |
| 100 | QPSK | 1 | 1 | 23.37 | 23.42 | 23.29 | | | |
| 100 | QPSK | 1 | 137 | 23.16 | 23.27 | 23.25 | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.29 | 23.32 | 23.15 | | | |
| 100 | QPSK | 135 | 0 | 22.33 | 22.40 | 22.35 | | | |
| 100 | QPSK | 135 | 69 | 23.22 | 23.26 | 23.10 | 25.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.20 | 22.29 | 22.12 | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.27 | 22.33 | 22.22 | | | |
| 100 | 16QAM | 1 | 1 | 22.41 | 22.50 | 22.43 | | | |
| 100 | 64QAM | 1 | 1 | 21.00 | 21.07 | 20.93 | 22.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.91 | 19.03 | 18.90 | 20.5 | 4.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 23.20 | 23.39 | 23.27 | 25.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 23.33 | 23.35 | 23.14 | 25.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 23.25 | 23.33 | 23.26 | 25.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 23.21 | 23.28 | 23.15 | 25.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 23.27 | 23.25 | 23.23 | 25.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 23.30 | 23.39 | 23.18 | 25.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 23.23 | 23.35 | 23.13 | 25.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 23.31 | 23.32 | 23.13 | 25.0 | 0.0 | |



| n7 Ant4 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.52 | 23.85 | 23.57 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.58 | 23.63 | 23.59 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.50 | 23.56 | 23.49 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.93 | 23.03 | 22.87 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 23.57 | 23.63 | 23.56 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 23.01 | 23.12 | 23.07 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 23.06 | 23.10 | 22.93 | | |
| 40 | QPSK | 1 | 1 | 23.58 | 23.67 | 23.31 | 25.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 23.50 | 23.85 | 23.62 | | |
| 40 | QPSK | 1 | 214 | 23.30 | 23.46 | 23.34 | | |
| 40 | QPSK | 108 | 0 | 22.52 | 22.55 | 22.45 | 24.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 23.55 | 23.62 | 23.39 | 25.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.53 | 22.61 | 22.52 | 24.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.43 | 22.56 | 22.30 | | |
| 40 | 16QAM | 1 | 1 | 22.23 | 22.39 | 22.26 | 24.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 20.94 | 20.99 | 20.85 | 22.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 19.12 | 19.26 | 19.22 | 20.5 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 23.50 | 23.52 | 23.17 | 25.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 23.48 | 23.56 | 23.29 | 25.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.44 | 23.54 | 23.21 | 25.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 23.53 | 23.62 | 23.22 | 25.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.45 | 23.57 | 23.22 | 25.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.47 | 23.60 | 23.22 | 25.0 | 0.0 |



| n38 Ant4 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.70 | 22.76 | 22.67 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 22.47 | 22.58 | 22.54 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.64 | 22.70 | 22.61 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.05 | 22.18 | 22.11 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.59 | 22.67 | 22.53 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 22.21 | 22.23 | 22.11 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.12 | 22.20 | 22.10 | 23.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 22.77 | 22.81 | 22.68 | | | |
| 40 | QPSK | 1 | 53 | 22.56 | 22.63 | 22.46 | | | |
| 40 | QPSK | 1 | 104 | 22.22 | 22.34 | 22.17 | 22.5 | 1.0 | |
| 40 | QPSK | 50 | 0 | 21.49 | 21.63 | 21.60 | | | |
| 40 | QPSK | 50 | 28 | 22.59 | 22.64 | 22.50 | | | |
| 40 | QPSK | 50 | 56 | 21.46 | 21.57 | 21.44 | 22.5 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.62 | 21.68 | 21.57 | | | |
| 40 | 16QAM | 1 | 1 | 21.85 | 21.88 | 21.86 | | | |
| 40 | 64QAM | 1 | 1 | 20.38 | 20.47 | 20.44 | 21.0 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.42 | 18.44 | 18.27 | 19.0 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 22.61 | 22.68 | 22.51 | 23.5 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 22.70 | 22.68 | 22.50 | 23.5 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 22.65 | 22.78 | 22.59 | 23.5 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 22.63 | 22.76 | 22.60 | 23.5 | 0.0 | |

| n41 Ant4 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.39 | 23.54 | 23.45 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.49 | 23.57 | 23.54 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.49 | 23.51 | 23.34 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.83 | 22.99 | 22.90 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.45 | 23.55 | 23.39 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.91 | 23.04 | 23.00 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.89 | 23.04 | 22.88 | | | |
| 100 | QPSK | 1 | 1 | 23.53 | 23.62 | 23.47 | | | |
| 100 | QPSK | 1 | 137 | 23.31 | 23.43 | 23.39 | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.43 | 23.58 | 23.49 | | | |
| 100 | QPSK | 135 | 0 | 22.40 | 22.48 | 22.34 | | | |
| 100 | QPSK | 135 | 69 | 23.45 | 23.51 | 23.40 | 25.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.44 | 22.52 | 22.37 | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.44 | 22.49 | 22.36 | | | |
| 100 | 16QAM | 1 | 1 | 22.56 | 22.69 | 22.64 | | | |
| 100 | 64QAM | 1 | 1 | 20.95 | 21.02 | 20.98 | 22.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 19.36 | 19.42 | 19.38 | 20.5 | 4.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 23.48 | 23.47 | 23.39 | 25.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 23.40 | 23.56 | 23.30 | 25.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 23.44 | 23.46 | 23.33 | 25.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 23.37 | 23.58 | 23.45 | 25.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 23.45 | 23.55 | 23.40 | 25.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 23.46 | 23.49 | 23.33 | 25.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 23.37 | 23.51 | 23.32 | 25.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.50 | 23.39 | 25.0 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 4

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|--------------|-------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low | Power Middle | Power High | Tune-up limit (dBm) | MPR (dB) | |
| | | | | Ch. J Freq. | Ch. J Freq. | Ch. J Freq. | | | |
| Channel | | | | 166800 | 167300 | 167800 | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.46 | 24.37 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 1 | 53 | 24.24 | 24.40 | 24.30 | | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.12 | 24.23 | 24.11 | | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.05 | 24.10 | 23.95 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 50 | 28 | 24.44 | 24.48 | 24.31 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 50 | 56 | 23.81 | 23.85 | 23.81 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 100 | 0 | 23.89 | 23.99 | 23.94 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.52 | | | |
| 20 | QPSK | 1 | 53 | 24.26 | 24.42 | 24.40 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 24.03 | 24.16 | 24.04 | | | |
| 20 | QPSK | 50 | 0 | 23.37 | 23.54 | 23.43 | | | |
| 20 | QPSK | 50 | 28 | 24.52 | 24.54 | 24.49 | 25.5 | 0.0 | |
| 20 | QPSK | 50 | 56 | 23.28 | 23.37 | 23.28 | 24.5 | 1.0 | |
| 20 | QPSK | 100 | 0 | 23.53 | 23.54 | 23.50 | | | |
| 20 | 16QAM | 1 | 1 | 23.35 | 23.44 | 23.40 | | | |
| 20 | 64QAM | 1 | 1 | 21.95 | 22.04 | 21.94 | 23.0 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 20.16 | 20.30 | 20.26 | 21.0 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | | | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | | | |
| 15 | QPSK | 1 | 1 | 24.42 | 24.46 | 24.43 | 25.5 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.54 | 24.47 | 25.5 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | | | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | | |
| 5 | QPSK | 1 | 1 | 24.51 | 24.45 | 24.37 | 25.5 | 0.0 | |



| n5 Ant1 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.40 | 24.47 | 24.40 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.28 | 24.42 | 24.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.09 | 24.24 | 24.11 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.93 | 24.05 | 23.98 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.37 | 24.46 | 24.43 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.76 | 23.92 | 23.81 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.86 | 23.99 | 23.92 | | |
| 20 | QPSK | 1 | 1 | 24.46 | 24.58 | 24.42 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.42 | 24.29 | | |
| 20 | QPSK | 1 | 104 | 24.17 | 24.22 | 24.14 | | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.59 | 23.47 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.53 | 24.55 | 24.51 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.39 | 23.44 | 23.33 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.53 | 23.48 | | |
| 20 | 16QAM | 1 | 1 | 23.33 | 23.45 | 23.38 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.24 | 22.38 | 22.27 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.10 | 20.26 | 20.10 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.34 | 24.50 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 165900 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.30 | 24.43 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.42 | 24.50 | 24.38 | 25.7 | 0.0 |

| n7 Ant2 DS14 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 21.06 | 21.07 | 21.05 | | |
| 40 | PI/2 BPSK | 1 | 108 | 21.00 | 21.03 | 20.85 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.88 | 20.92 | 20.88 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.95 | 20.95 | 20.84 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.95 | 21.03 | 20.80 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.77 | 20.98 | 20.89 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 21.06 | 21.09 | 20.81 | | |
| 40 | QPSK | 1 | 1 | 21.14 | 21.18 | 21.08 | | |
| 40 | QPSK | 1 | 108 | 21.02 | 21.05 | 20.98 | 21.7 | 0.0 |
| 40 | QPSK | 1 | 214 | 21.05 | 20.89 | 20.80 | | |
| 40 | QPSK | 108 | 0 | 20.81 | 20.90 | 20.79 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 21.09 | 21.14 | 20.11 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.87 | 20.89 | 20.88 | 21.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.04 | 21.07 | 21.01 | | |
| 40 | 16QAM | 1 | 1 | 20.91 | 21.04 | 20.82 | 21.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 20.75 | 20.99 | 20.94 | 21.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.96 | 20.72 | 20.69 | 21.2 | 0.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 21.15 | 21.15 | 20.88 | 21.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.95 | 21.05 | 20.94 | 21.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.94 | 21.09 | 20.99 | 21.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.98 | 20.99 | 21.01 | 21.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 21.07 | 21.11 | 20.96 | 21.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 21.14 | 21.01 | 20.91 | 21.7 | 0.0 |



| n38 Ant2 DS4 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.48 | 21.64 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 53 | 21.52 | 21.54 | 21.51 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 21.46 | 21.48 | 21.35 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.31 | 21.31 | 21.21 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.43 | 21.55 | 21.52 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.21 | 21.20 | 21.14 | | |
| 40 | PI/2 BPSK | 100 | 0 | 21.32 | 21.20 | 21.28 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 21.59 | 21.65 | 21.55 | | |
| 40 | QPSK | 1 | 53 | 21.44 | 21.57 | 21.38 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 21.20 | 21.29 | 21.33 | | |
| 40 | QPSK | 50 | 0 | 21.17 | 21.41 | 21.24 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.31 | 21.53 | 21.39 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 21.18 | 21.26 | 21.27 | | |
| 40 | QPSK | 100 | 0 | 21.27 | 21.31 | 21.07 | 22.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 21.08 | 21.29 | 21.19 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.45 | 21.62 | 21.52 | 22.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.04 | 20.07 | 20.23 | 21.0 | 1.5 |
| Channel | | | | 517092 | 519000 | 520998 | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 21.59 | 21.50 | 21.43 | 22.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.40 | 21.57 | 21.39 | 22.5 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 21.43 | 21.40 | 21.54 | 22.5 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 21.37 | 21.61 | 21.37 | 22.5 | 0.0 |

| n41 Ant2 DS4 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.88 | 21.91 | 21.67 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.80 | 21.84 | 21.80 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 21.84 | 21.87 | 21.83 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.84 | 21.84 | 21.86 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.75 | 21.80 | 21.86 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.73 | 21.62 | 21.55 | | |
| 100 | PI/2 BPSK | 270 | 0 | 21.65 | 21.80 | 21.69 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 1 | 21.97 | 22.02 | 22.00 | | |
| 100 | QPSK | 1 | 137 | 21.86 | 21.86 | 21.92 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.80 | 21.91 | 21.74 | | |
| 100 | QPSK | 135 | 0 | 21.84 | 21.72 | 21.87 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.96 | 22.01 | 21.95 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.79 | 21.66 | 21.86 | | |
| 100 | QPSK | 270 | 0 | 21.92 | 21.97 | 21.91 | 22.7 | 0.0 |
| 100 | 16QAM | 1 | 1 | 21.94 | 21.85 | 21.78 | 22.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.93 | 21.92 | 21.87 | 22.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.96 | 19.95 | 20.02 | 21.2 | 1.5 |
| Channel | | | | 508200 | 518598 | 528996 | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.87 | 21.88 | 21.98 | 22.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.85 | 21.81 | 21.90 | 22.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 21.87 | 21.85 | 21.84 | 22.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.88 | 21.82 | 21.88 | 22.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.92 | 21.95 | 21.79 | 22.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 21.98 | 21.96 | 21.79 | 22.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 21.87 | 22.01 | 21.81 | 22.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 21.85 | 21.94 | 21.81 | 22.7 | 0.0 |



| n7 Ant3 Default-Other PA | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.04 | 24.12 | 24.02 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.95 | 24.01 | 23.95 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.88 | 23.81 | 23.75 | | |
| 40 | PI/2 BPSK | 108 | 0 | 23.60 | 23.62 | 23.62 | | |
| 40 | PI/2 BPSK | 108 | 54 | 24.00 | 24.04 | 24.00 | | |
| 40 | PI/2 BPSK | 108 | 108 | 23.43 | 23.48 | 23.45 | | |
| 40 | PI/2 BPSK | 216 | 0 | 23.45 | 23.53 | 23.45 | 25.0 | 0.5 |
| 40 | QPSK | 1 | 1 | 24.16 | 24.24 | 24.11 | | |
| 40 | QPSK | 1 | 108 | 24.04 | 24.16 | 24.00 | | |
| 40 | QPSK | 1 | 214 | 23.94 | 23.98 | 23.87 | | |
| 40 | QPSK | 108 | 0 | 23.10 | 23.23 | 23.14 | | |
| 40 | QPSK | 108 | 54 | 24.06 | 24.08 | 23.89 | | |
| 40 | QPSK | 108 | 108 | 22.92 | 23.07 | 22.91 | 24.5 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.90 | 23.03 | 22.84 | | |
| 40 | 16QAM | 1 | 1 | 23.02 | 23.10 | 22.99 | | |
| 40 | 64QAM | 1 | 1 | 21.63 | 21.79 | 21.64 | | |
| 40 | 256QAM | 1 | 1 | 19.58 | 19.79 | 19.67 | | |
| 40 | 256QAM | 1 | 1 | 19.58 | 19.79 | 19.67 | | |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 24.03 | 24.14 | 23.97 | 25.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 24.11 | 24.20 | 24.07 | 25.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.02 | 24.16 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 24.05 | 24.10 | 23.98 | 25.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 24.07 | 24.10 | 24.06 | 25.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 24.03 | 24.19 | 24.06 | 25.5 | 0.0 |



| n38 Ant3 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.64 | 24.71 | 24.66 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.50 | 24.55 | 24.58 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.60 | 24.74 | 24.75 | | |
| 40 | PI/2 BPSK | 50 | 0 | 24.22 | 24.23 | 24.19 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.61 | 24.72 | 24.65 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.03 | 24.14 | 24.12 | | |
| 40 | PI/2 BPSK | 100 | 0 | 24.18 | 24.17 | 24.14 | 25.2 | 0.5 |
| 40 | QPSK | 1 | 1 | 24.68 | 24.79 | 24.63 | | |
| 40 | QPSK | 1 | 53 | 24.56 | 24.69 | 24.53 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.02 | 24.10 | 24.09 | | |
| 40 | QPSK | 50 | 0 | 23.83 | 23.91 | 23.79 | 24.7 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.62 | 24.75 | 24.67 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.44 | 23.53 | 23.49 | 24.7 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.72 | 23.77 | 23.59 | | |
| 40 | 16QAM | 1 | 1 | 23.72 | 23.87 | 23.74 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.38 | 22.36 | 22.40 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.31 | 20.44 | 20.35 | 21.2 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.60 | 24.64 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.50 | 24.60 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 515002 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.54 | 24.70 | 24.59 | 25.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.64 | 24.66 | 24.55 | 25.7 | 0.0 |

| n41 Ant3 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 25.09 | 25.19 | 25.05 | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.00 | 25.06 | 25.06 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 24.96 | 25.18 | 25.08 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.53 | 24.63 | 24.45 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.06 | 25.12 | 24.93 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.40 | 24.56 | 24.41 | | |
| 100 | PI/2 BPSK | 270 | 0 | 24.46 | 24.60 | 24.51 | 25.2 | 0.5 |
| 100 | QPSK | 1 | 1 | 25.19 | 25.21 | 25.13 | | |
| 100 | QPSK | 1 | 137 | 24.92 | 25.08 | 25.03 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.05 | 25.13 | 24.98 | | |
| 100 | QPSK | 135 | 0 | 24.11 | 24.13 | 24.16 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.01 | 25.10 | 24.88 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.04 | 24.12 | 23.97 | | |
| 100 | QPSK | 270 | 0 | 24.08 | 24.16 | 23.99 | 24.7 | 1.0 |
| 100 | 16QAM | 1 | 1 | 24.20 | 24.26 | 24.27 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.81 | 22.84 | 22.67 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.66 | 20.90 | 20.96 | 21.2 | 4.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.15 | 25.14 | 25.00 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.10 | 25.14 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 25.10 | 25.12 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.07 | 25.18 | 25.08 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.13 | 25.14 | 25.05 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.13 | 25.17 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.15 | 25.08 | 25.00 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.04 | 25.13 | 25.05 | 25.7 | 0.0 |



| n7 Ant4 DS14-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| Channel | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.46 | 23.64 | 23.65 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.57 | 23.68 | 23.68 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.66 | 23.59 | 23.69 | | |
| 40 | PI/2 BPSK | 108 | 0 | 23.45 | 23.61 | 23.61 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 23.44 | 23.69 | 23.57 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 23.64 | 23.64 | 23.53 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 23.62 | 23.62 | 23.52 | | |
| 40 | QPSK | 1 | 1 | 23.66 | 23.71 | 23.65 | | |
| 40 | QPSK | 1 | 108 | 23.50 | 23.63 | 23.60 | 24.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 23.62 | 23.55 | 23.66 | | |
| 40 | QPSK | 108 | 0 | 22.28 | 22.31 | 22.11 | | |
| 40 | QPSK | 108 | 54 | 23.61 | 23.66 | 23.64 | 24.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.22 | 22.27 | 22.26 | 24.0 | 0.5 |
| 40 | QPSK | 216 | 0 | 22.21 | 22.25 | 22.14 | | |
| 40 | 16QAM | 1 | 1 | 22.13 | 22.10 | 22.29 | | |
| 40 | 64QAM | 1 | 1 | 21.54 | 21.65 | 21.56 | 22.5 | 2.0 |
| 40 | 256QAM | 1 | 1 | 19.51 | 19.63 | 19.68 | 20.5 | 4.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 23.53 | 23.63 | 23.54 | 24.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 23.49 | 23.70 | 23.62 | 24.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 23.62 | 23.57 | 23.45 | 24.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 23.64 | 23.55 | 23.54 | 24.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 23.70 | 23.65 | 23.66 | 24.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 23.48 | 23.62 | 23.47 | 24.5 | 0.0 |



| n38 Ant4 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.59 | 24.63 | 24.51 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.34 | 24.46 | 24.43 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.53 | 24.55 | 24.46 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.97 | 24.02 | 23.96 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.39 | 24.54 | 24.39 | 25.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.10 | 24.12 | 23.97 | 25.0 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 24.03 | 24.06 | 23.96 | | |
| 40 | QPSK | 1 | 1 | 24.62 | 24.66 | 24.47 | | |
| 40 | QPSK | 1 | 53 | 24.42 | 24.44 | 24.32 | 25.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.07 | 24.25 | 23.98 | | |
| 40 | QPSK | 50 | 0 | 23.31 | 23.51 | 23.49 | 24.5 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.41 | 24.53 | 24.41 | 25.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.30 | 23.44 | 23.34 | 24.5 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.51 | 23.58 | 23.48 | | |
| 40 | 16QAM | 1 | 1 | 23.69 | 23.71 | 23.73 | 24.5 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.19 | 22.36 | 22.27 | 23.0 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.27 | 20.25 | 20.09 | 21.0 | 4.5 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.52 | 24.53 | 24.41 | 25.5 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.40 | 24.52 | 24.34 | 25.5 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.47 | 24.62 | 24.39 | 25.5 | 0.0 |
| Channel | | | | 515094 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.57 | 24.57 | 24.43 | 25.5 | 0.0 |

| n41 Ant4 Default-Other PA | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.98 | 25.16 | 24.97 | | |
| 100 | PI/2 BPSK | 1 | 137 | 25.05 | 25.13 | 25.06 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 25.05 | 25.05 | 24.94 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.39 | 24.53 | 24.43 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.01 | 25.05 | 24.92 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.43 | 24.51 | 24.58 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.41 | 24.65 | 24.39 | | |
| 100 | QPSK | 1 | 1 | 25.12 | 25.17 | 24.97 | | |
| 100 | QPSK | 1 | 137 | 24.89 | 24.96 | 24.95 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 25.02 | 25.12 | 25.09 | | |
| 100 | QPSK | 135 | 0 | 23.93 | 24.07 | 23.91 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.02 | 25.11 | 24.92 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 24.00 | 24.12 | 23.96 | 24.7 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.97 | 24.07 | 23.97 | | |
| 100 | 16QAM | 1 | 1 | 24.13 | 24.22 | 24.23 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.54 | 22.51 | 22.56 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.96 | 20.96 | 20.99 | 21.2 | 4.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 25.01 | 25.14 | 24.91 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 25.05 | 25.14 | 24.88 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 24.99 | 25.07 | 24.94 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 25.03 | 25.05 | 24.89 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 25.06 | 25.14 | 24.89 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 25.09 | 25.11 | 24.90 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 25.07 | 25.07 | 24.86 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 25.03 | 25.03 | 24.89 | 25.7 | 0.0 |



| Part270 n77 Ant4 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.06 | 23.08 | 22.96 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.92 | 22.97 | 22.81 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.75 | 22.90 | 22.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.11 | 22.21 | 22.12 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.99 | 23.04 | 23.01 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.20 | 22.36 | 22.34 | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.21 | 22.32 | 22.24 | | | |
| 100 | QPSK | 1 | 1 | 22.96 | 23.14 | 23.03 | | | |
| 100 | QPSK | 1 | 137 | 23.07 | 23.10 | 23.08 | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.92 | 23.02 | 22.92 | | | |
| 100 | QPSK | 135 | 0 | 21.92 | 21.97 | 21.91 | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 22.91 | 23.06 | 22.98 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.78 | 21.93 | 21.80 | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 21.83 | 21.98 | 21.90 | | | |
| 100 | 16QAM | 1 | 1 | 21.84 | 21.99 | 21.85 | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.40 | 20.45 | 20.35 | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.54 | 18.61 | 18.57 | 20.0 | 4.5 | |
| Channel | | | | 646988 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 24.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 22.85 | 23.05 | 22.99 | | | |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 24.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 22.83 | 22.97 | 23.00 | | | |
| Channel | | | | 646000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 24.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 22.84 | 23.03 | 22.91 | | | |
| Channel | | | | 646668 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 24.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 22.80 | 22.99 | 22.93 | | | |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 24.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 22.80 | 23.03 | 23.01 | | | |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 24.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 22.83 | 23.03 | 23.00 | | | |
| Channel | | | | 647668 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 24.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 22.91 | 23.11 | 22.99 | | | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 24.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 22.84 | 23.08 | 23.00 | | | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.82 | 3840 | 3972.51 | 24.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 22.90 | 23.00 | 22.96 | | | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 24.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 22.87 | 22.97 | 22.97 | | | |

| Part27Q n77 Ant4 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 23.03 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.11 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.48 | | | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.17 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.31 | | | 24.0 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.41 | | | | | |
| 100 | QPSK | 1 | 1 | 23.19 | | | | | |
| 100 | QPSK | 1 | 137 | 23.10 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.95 | | | | | |
| 100 | QPSK | 135 | 0 | 22.10 | | | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.16 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.05 | | | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.09 | | | | | |
| 100 | 16QAM | 1 | 1 | 22.05 | | | 23.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.51 | | | 22.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.92 | | | 20.0 | 4.5 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 24.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 23.10 | 23.15 | 23.08 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 24.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 22.01 | 23.04 | 23.00 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 24.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 23.04 | 23.10 | 23.05 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 24.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 22.06 | 23.05 | 22.98 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 24.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 23.07 | 23.15 | 23.09 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 24.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 22.08 | 23.06 | 22.99 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 24.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 23.02 | 23.15 | 23.02 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 24.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 23.08 | 23.14 | 23.02 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 24.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 23.02 | 23.14 | 23.08 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 24.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 23.05 | 23.08 | 22.97 | | | |



| Part270 n78 Ant4 Default | | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 650000 | 650000 | 650000 | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.00 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 22.90 | | 24.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 22.96 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 22.18 | | 24.0 | 0.5 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 22.97 | | 24.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 22.32 | | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | | 22.24 | | 24.0 | 0.5 | | |
| 100 | QPSK | 1 | 1 | | 23.10 | | | | | |
| 100 | QPSK | 1 | 137 | | 23.02 | | 24.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 23.06 | | | | | |
| 100 | QPSK | 135 | 0 | | 21.63 | | 23.5 | 1.0 | | |
| 100 | QPSK | 135 | 69 | | 23.03 | | 24.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 21.90 | | 23.5 | 1.0 | | |
| 100 | QPSK | 270 | 0 | | 21.79 | | | | | |
| 100 | 16QAM | 1 | 1 | | 21.74 | | 23.5 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | | 20.49 | | 22.0 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | | 18.55 | | 20.0 | 4.5 | | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 22.93 | 22.97 | 22.84 | 24.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 22.82 | 22.86 | 22.85 | 24.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 22.97 | 23.04 | 22.91 | 24.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 22.91 | 23.01 | 22.89 | 24.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 22.89 | 23.02 | 22.95 | 24.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 23.02 | 23.06 | 22.98 | 24.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 22.90 | 22.96 | 22.85 | 24.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 22.96 | 23.01 | 22.94 | 24.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 22.92 | 23.02 | 22.91 | 24.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 22.82 | 22.96 | 22.82 | 24.5 | 0.0 | |

| Part270 n78 PC2 Ant4 Default | | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 650000 | 650000 | 650000 | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 23.64 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 23.57 | | 25.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 23.59 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 23.12 | | 25.0 | 0.5 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 23.56 | | 25.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 23.02 | | | | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | | 23.04 | | 25.0 | 0.5 | | |
| 100 | QPSK | 1 | 1 | | 23.69 | | | | | |
| 100 | QPSK | 1 | 137 | | 23.54 | | 25.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 23.65 | | | | | |
| 100 | QPSK | 135 | 0 | | 22.61 | | 24.5 | 1.0 | | |
| 100 | QPSK | 135 | 69 | | 23.55 | | 25.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 22.53 | | 24.5 | 1.0 | | |
| 100 | QPSK | 270 | 0 | | 22.57 | | | | | |
| 100 | 16QAM | 1 | 1 | | 22.54 | | 24.5 | 1.0 | | |
| 100 | 64QAM | 1 | 1 | | 21.04 | | 23.0 | 2.5 | | |
| 100 | 256QAM | 1 | 1 | | 19.09 | | 21.0 | 4.5 | | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 23.60 | 23.58 | 23.54 | 25.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 23.68 | 23.67 | 23.63 | 25.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 23.89 | 23.87 | 23.80 | 25.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 23.61 | 23.61 | 23.65 | 25.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 23.87 | 23.84 | 23.88 | 25.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 23.65 | 23.63 | 23.59 | 25.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 23.60 | 23.57 | 23.57 | 25.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 23.64 | 23.60 | 23.58 | 25.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 23.60 | 23.54 | 23.64 | 25.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 23.55 | 23.60 | 23.65 | 25.5 | 0.0 | |



| Part27Q n78 Ant4 Default | | | | | | | | | |
|--------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633334 | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.10 | 23.10 | 23.10 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.06 | 23.06 | 23.06 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.91 | 22.91 | 22.91 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.39 | 22.39 | 22.39 | | | |
| 100 | PI/2 BPSK | 135 | 69 | 23.07 | 23.07 | 23.07 | | | |
| 100 | PI/2 BPSK | 135 | 138 | 22.26 | 22.26 | 22.26 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 22.30 | 22.30 | 22.30 | | | |
| 100 | QPSK | 1 | 1 | 23.14 | 23.14 | 23.14 | | | |
| 100 | QPSK | 1 | 137 | 23.07 | 23.07 | 23.07 | | | |
| 100 | QPSK | 1 | 271 | 22.89 | 22.89 | 22.89 | | | |
| 100 | QPSK | 135 | 0 | 22.05 | 22.05 | 22.05 | 23.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.12 | 23.12 | 23.12 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 21.93 | 21.93 | 21.93 | 23.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.03 | 22.03 | 22.03 | 23.5 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 21.79 | 21.79 | 21.79 | 22.0 | 2.5 | |
| 100 | 64QAM | 1 | 1 | 20.72 | 20.72 | 20.72 | 20.0 | 4.5 | |
| 100 | 256QAM | 1 | 1 | 18.70 | 18.70 | 18.70 | 20.0 | 4.5 | |
| Channel | | | | 633000 | | | 633668 | | |
| Frequency (MHz) | | | | 3495 | | | 3500.01 | 3505.02 | |
| 90 | QPSK | 1 | 1 | 22.85 | 23.02 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 632668 | | | 633334 | 634000 | |
| Frequency (MHz) | | | | 3480.02 | | | 3500.01 | 3510 | |
| 80 | QPSK | 1 | 1 | 22.89 | 23.12 | 23.07 | 24.5 | 0.0 | |
| Channel | | | | 632334 | | | 633334 | 634334 | |
| Frequency (MHz) | | | | 3485.01 | | | 3500.01 | 3515.01 | |
| 70 | QPSK | 1 | 1 | 22.89 | 23.00 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 632000 | | | 633334 | 634668 | |
| Frequency (MHz) | | | | 3480 | | | 3500.01 | 3520.02 | |
| 60 | QPSK | 1 | 1 | 23.01 | 23.00 | 22.99 | 24.5 | 0.0 | |
| Channel | | | | 631668 | | | 633334 | 635000 | |
| Frequency (MHz) | | | | 3475.02 | | | 3500.01 | 3525 | |
| 50 | QPSK | 1 | 1 | 22.94 | 23.00 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 631334 | | | 633334 | 635334 | |
| Frequency (MHz) | | | | 3470.01 | | | 3500.01 | 3530.01 | |
| 40 | QPSK | 1 | 1 | 22.89 | 23.11 | 23.00 | 24.5 | 0.0 | |
| Channel | | | | 631000 | | | 633334 | 635668 | |
| Frequency (MHz) | | | | 3465 | | | 3500.01 | 3535.02 | |
| 30 | QPSK | 1 | 1 | 22.95 | 23.00 | 22.87 | 24.5 | 0.0 | |
| Channel | | | | 630668 | | | 633334 | 636000 | |
| Frequency (MHz) | | | | 3460.02 | | | 3500.01 | 3540 | |
| 20 | QPSK | 1 | 1 | 23.03 | 23.00 | 22.97 | 24.5 | 0.0 | |
| Channel | | | | 630334 | | | 633334 | 636168 | |
| Frequency (MHz) | | | | 3457.5 | | | 3500.01 | 3542.52 | |
| 15 | QPSK | 1 | 1 | 23.00 | 23.04 | 22.92 | 24.5 | 0.0 | |
| Channel | | | | 630334 | | | 633334 | 636334 | |
| Frequency (MHz) | | | | 3455.01 | | | 3500.01 | 3545.01 | |
| 10 | QPSK | 1 | 1 | 22.94 | 23.06 | 22.99 | 24.5 | 0.0 | |

| Part27Q n78 PC2 Ant4 Default | | | | | | | | | |
|------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633334 | | | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.61 | 23.61 | 23.61 | 25.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.64 | 23.64 | 23.64 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.57 | 23.57 | 23.57 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.19 | 23.19 | 23.19 | | | |
| 100 | PI/2 BPSK | 135 | 69 | 23.62 | 23.62 | 23.62 | | | |
| 100 | PI/2 BPSK | 135 | 138 | 23.04 | 23.04 | 23.04 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 23.16 | 23.16 | 23.16 | | | |
| 100 | QPSK | 1 | 1 | 23.75 | 23.75 | 23.75 | | | |
| 100 | QPSK | 1 | 137 | 23.69 | 23.69 | 23.69 | | | |
| 100 | QPSK | 1 | 271 | 23.52 | 23.52 | 23.52 | | | |
| 100 | QPSK | 135 | 0 | 22.65 | 22.65 | 22.65 | 24.5 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.71 | 23.71 | 23.71 | 25.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.60 | 22.60 | 22.60 | 24.5 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.68 | 22.68 | 22.68 | 24.5 | 1.0 | |
| 100 | 16QAM | 1 | 1 | 22.56 | 22.56 | 22.56 | 24.5 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 21.18 | 21.18 | 21.18 | 23.0 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 19.33 | 19.33 | 19.33 | 21.0 | 4.5 | |
| Channel | | | | 633000 | | | 633668 | | |
| Frequency (MHz) | | | | 3495 | | | 3500.01 | 3505.02 | |
| 90 | QPSK | 1 | 1 | 23.63 | 23.63 | 23.63 | 25.5 | 0.0 | |
| Channel | | | | 632668 | | | 633334 | 634000 | |
| Frequency (MHz) | | | | 3480.02 | | | 3500.01 | 3510 | |
| 80 | QPSK | 1 | 1 | 23.69 | 23.69 | 23.69 | 25.5 | 0.0 | |
| Channel | | | | 632334 | | | 633334 | 634334 | |
| Frequency (MHz) | | | | 3485.01 | | | 3500.01 | 3515.01 | |
| 70 | QPSK | 1 | 1 | 23.64 | 23.71 | 23.68 | 25.5 | 0.0 | |
| Channel | | | | 632000 | | | 633334 | 634668 | |
| Frequency (MHz) | | | | 3480 | | | 3500.01 | 3520.02 | |
| 60 | QPSK | 1 | 1 | 23.65 | 23.67 | 23.62 | 25.5 | 0.0 | |
| Channel | | | | 631668 | | | 633334 | 635000 | |
| Frequency (MHz) | | | | 3475.02 | | | 3500.01 | 3525 | |
| 50 | QPSK | 1 | 1 | 23.70 | 23.63 | 23.70 | 25.5 | 0.0 | |
| Channel | | | | 631334 | | | 633334 | 635334 | |
| Frequency (MHz) | | | | 3470.01 | | | 3500.01 | 3530.01 | |
| 40 | QPSK | 1 | 1 | 23.71 | 23.65 | 23.71 | 25.5 | 0.0 | |
| Channel | | | | 631000 | | | 633334 | 635668 | |
| Frequency (MHz) | | | | 3465 | | | 3500.01 | 3535.02 | |
| 30 | QPSK | 1 | 1 | 23.68 | 23.68 | 23.61 | 25.5 | 0.0 | |
| Channel | | | | 630668 | | | 633334 | 636000 | |
| Frequency (MHz) | | | | 3460.02 | | | 3500.01 | 3540 | |
| 20 | QPSK | 1 | 1 | 23.67 | 23.61 | 23.55 | 25.5 | 0.0 | |
| Channel | | | | 630334 | | | 633334 | 636168 | |
| Frequency (MHz) | | | | 3457.5 | | | 3500.01 | 3542.52 | |
| 15 | QPSK | 1 | 1 | 23.61 | 23.64 | 23.71 | 25.5 | 0.0 | |
| Channel | | | | 630334 | | | 633334 | 636334 | |
| Frequency (MHz) | | | | 3455.01 | | | 3500.01 | 3545.01 | |
| 10 | QPSK | 1 | 1 | 23.70 | 23.64 | 23.65 | 25.5 | 0.0 | |



| n7 Ant5 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.06 | 25.08 | 24.95 | | |
| 40 | PI/2 BPSK | 1 | 108 | 24.99 | 25.12 | 24.98 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 24.95 | 25.05 | 24.88 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.52 | 24.55 | 24.53 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.94 | 25.02 | 24.96 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.47 | 24.53 | 24.43 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.46 | 24.52 | 24.37 | | |
| 40 | QPSK | 1 | 1 | 25.06 | 25.15 | 25.00 | | |
| 40 | QPSK | 1 | 108 | 24.94 | 25.10 | 24.97 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 214 | 25.06 | 25.13 | 25.06 | | |
| 40 | QPSK | 108 | 0 | 23.94 | 24.03 | 23.88 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 25.03 | 25.09 | 24.98 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 24.04 | 24.08 | 23.95 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.90 | 24.03 | 23.97 | | |
| 40 | 16QAM | 1 | 1 | 23.94 | 23.98 | 23.86 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.30 | 22.41 | 22.35 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.55 | 20.67 | 20.60 | 21.2 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 24.96 | 25.08 | 24.88 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 24.98 | 25.00 | 24.91 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 24.95 | 25.07 | 24.87 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.93 | 25.01 | 24.86 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.96 | 25.10 | 24.85 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.91 | 25.03 | 24.86 | 25.7 | 0.0 |



| n38 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.61 | 24.66 | 24.56 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.35 | 24.49 | 24.44 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.47 | 24.60 | 24.45 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.92 | 24.05 | 23.96 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.47 | 24.54 | 24.46 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.01 | 24.13 | 24.06 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 23.85 | 24.01 | 23.92 | | |
| 40 | QPSK | 1 | 1 | 24.63 | 24.70 | 24.69 | | |
| 40 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.39 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.45 | 24.53 | 24.50 | | |
| 40 | QPSK | 50 | 0 | 23.50 | 23.54 | 23.41 | 24.7 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.34 | 24.49 | 24.43 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.56 | 23.60 | 23.55 | 24.7 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.41 | 23.54 | 23.48 | | |
| 40 | 16QAM | 1 | 1 | 23.43 | 23.56 | 23.46 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.89 | 22.04 | 21.94 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.29 | 20.36 | 20.20 | 21.2 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.59 | 24.60 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.51 | 24.54 | 24.51 | 25.7 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.60 | 24.63 | 24.60 | 25.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.52 | 24.64 | 24.60 | 25.7 | 0.0 |

| n41 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.94 | 25.07 | 24.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.93 | 24.99 | 24.90 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 25.01 | 25.04 | 24.97 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.45 | 24.58 | 24.41 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.08 | 25.10 | 25.07 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.33 | 24.47 | 24.31 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.52 | 24.59 | 24.46 | | |
| 100 | QPSK | 1 | 1 | 25.02 | 25.13 | 25.11 | | |
| 100 | QPSK | 1 | 137 | 24.95 | 25.11 | 25.07 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.96 | 25.06 | 25.00 | | |
| 100 | QPSK | 135 | 0 | 23.94 | 24.10 | 24.07 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.01 | 25.08 | 24.94 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.95 | 23.97 | 23.88 | 24.7 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.95 | 24.07 | 24.03 | | |
| 100 | 16QAM | 1 | 1 | 24.06 | 24.20 | 24.15 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.51 | 22.54 | 22.41 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.61 | 20.63 | 20.46 | 21.2 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 24.96 | 25.00 | 25.05 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 24.85 | 24.98 | 24.99 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 24.99 | 25.10 | 25.02 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 24.91 | 24.99 | 25.09 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 24.89 | 25.09 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 24.99 | 25.06 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 24.98 | 24.99 | 25.03 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 24.93 | 25.06 | 25.09 | 25.7 | 0.0 |



| Part270 n77 Ant6 DS14 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 66200 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.06 | 23.08 | 22.95 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 22.99 | 23.05 | 23.08 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 22.84 | 23.10 | 22.85 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.90 | 22.93 | 22.88 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.96 | 22.96 | 22.84 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.64 | 22.76 | 22.74 | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.81 | 22.91 | 22.77 | | | |
| 100 | QPSK | 1 | 1 | 23.05 | 23.13 | 23.01 | | | |
| 100 | QPSK | 1 | 137 | 22.97 | 22.97 | 22.89 | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.91 | 22.95 | 22.77 | | | |
| 100 | QPSK | 135 | 0 | 22.82 | 22.91 | 22.86 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 22.96 | 23.03 | 23.00 | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.76 | 22.83 | 22.70 | 24.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 22.97 | 22.99 | 22.91 | | | |
| 100 | 16QAM | 1 | 1 | 22.76 | 22.88 | 22.78 | 24.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 21.43 | 21.51 | 21.46 | 23.0 | 1.5 | |
| 100 | 256QAM | 1 | 1 | 19.31 | 19.41 | 19.37 | 21.0 | 3.5 | |
| Channel | | | | 646968 | 656000 | 662334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 22.85 | 23.08 | 22.74 | 24.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 662668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 1 | 22.91 | 23.04 | 22.92 | 24.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 663000 | | | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 22.87 | 23.03 | 22.93 | 24.5 | 0.0 | |
| Channel | | | | 646668 | 656000 | 663334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 22.82 | 23.00 | 22.76 | 24.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 663668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 22.82 | 23.08 | 22.85 | 24.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 664000 | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 22.90 | 22.85 | 22.91 | 24.5 | 0.0 | |
| Channel | | | | 647668 | 656000 | 664334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 22.79 | 22.93 | 22.94 | 24.5 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 22.73 | 22.95 | 22.90 | 24.5 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | | | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 22.81 | 23.07 | 22.75 | 24.5 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 22.84 | 23.04 | 22.78 | 24.5 | 0.0 | |

| Part27Q n77 Ant6 DS14 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 63000 | 63334 | 63500.1 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.68 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 23.59 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 23.70 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.61 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.60 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.59 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 23.46 | | | | | |
| 100 | QPSK | 1 | 1 | 23.70 | | | | | |
| 100 | QPSK | 1 | 137 | 23.78 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.67 | | | | | |
| 100 | QPSK | 135 | 0 | 23.59 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 23.69 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.43 | | | 24.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 23.64 | | | | | |
| 100 | 16QAM | 1 | 1 | 23.58 | | | 24.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 22.26 | | | 23.0 | 1.5 | |
| 100 | 256QAM | 1 | 1 | 19.88 | | | 21.0 | 3.5 | |
| Channel | | | | 630000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 23.55 | 23.59 | 23.64 | 24.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 23.50 | 23.62 | 23.57 | 24.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 23.53 | 23.64 | 23.65 | 24.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 23.61 | 23.59 | 23.61 | 24.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 23.50 | 23.60 | 23.64 | 24.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 23.59 | 23.59 | 23.49 | 24.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 23.66 | 23.58 | 23.72 | 24.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 23.68 | 23.73 | 23.62 | 24.5 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 23.64 | 23.69 | 23.65 | 24.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 23.46 | 23.73 | 23.70 | 24.5 | 0.0 | |



| Part27O n78 PC3 Ant6 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.68 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 22.72 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.69 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.73 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.62 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 22.63 | | | 24.2 | 0.0 | |
| 100 | QPSK | 1 | 1 | 22.85 | | | | | |
| 100 | QPSK | 1 | 137 | 22.64 | | | 24.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.79 | | | | | |
| 100 | QPSK | 135 | 0 | 22.75 | | | 24.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 22.63 | | | 24.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.67 | | | | | |
| 100 | QPSK | 270 | 0 | 22.51 | | | 24.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 22.76 | | | 24.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 21.43 | | | 23.2 | 1.0 | |
| 100 | 256QAM | 1 | 1 | 19.27 | | | 21.2 | 3.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 22.82 | 22.71 | 22.59 | 24.2 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 22.83 | 22.84 | 22.50 | 24.2 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.65 | 24.2 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 22.63 | 22.84 | 22.71 | 24.2 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 22.71 | 22.75 | 22.69 | 24.2 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 22.65 | 22.71 | 22.68 | 24.2 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.63 | 24.2 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 22.63 | 22.73 | 22.65 | 24.2 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 22.74 | 22.63 | 22.62 | 24.2 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 22.69 | 22.62 | 22.73 | 24.2 | 0.0 | |

| Part27Q n78 PC3 Ant6 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.33 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.22 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.29 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.31 | | | 24.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 23.12 | | | 24.2 | 0.0 | |
| 100 | QPSK | 1 | 1 | 23.38 | | | | | |
| 100 | QPSK | 1 | 137 | 23.21 | | | 24.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.17 | | | | | |
| 100 | QPSK | 135 | 0 | 23.17 | | | 24.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 23.30 | | | 24.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.00 | | | | | |
| 100 | QPSK | 270 | 0 | 22.92 | | | 24.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 23.22 | | | 24.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 22.36 | | | 23.2 | 1.0 | |
| 100 | 256QAM | 1 | 1 | 20.22 | | | 21.2 | 3.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3495.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 23.24 | 23.37 | 23.16 | 24.2 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 23.27 | 23.38 | 23.16 | 24.2 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 23.17 | 23.27 | 23.28 | 24.2 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 23.13 | 23.31 | 23.17 | 24.2 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 23.29 | 23.28 | 23.20 | 24.2 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 23.18 | 23.25 | 23.16 | 24.2 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 23.29 | 23.28 | 23.21 | 24.2 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 23.22 | 23.31 | 23.21 | 24.2 | 0.0 | |
| Channel | | | | 630600 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 23.16 | 23.21 | 23.32 | 24.2 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 23.19 | 23.27 | 23.16 | 24.2 | 0.0 | |



| Part27O n78 PC2 Ant6 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.68 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 22.72 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 22.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.69 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 22.73 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.62 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 22.63 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 22.85 | | | | | |
| 100 | QPSK | 1 | 137 | 22.64 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 22.79 | | | | | |
| 100 | QPSK | 135 | 0 | 22.75 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 22.63 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.67 | | | | | |
| 100 | QPSK | 270 | 0 | 22.51 | | | 24.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 22.76 | | | 24.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 22.77 | | | 24.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 22.83 | | | 24.0 | 0.5 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 22.82 | 22.71 | 22.59 | 24.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 22.83 | 22.84 | 22.50 | 24.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.55 | 24.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 22.63 | 22.84 | 22.71 | 24.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 22.71 | 22.75 | 22.59 | 24.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 22.65 | 22.71 | 22.68 | 24.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 22.75 | 22.75 | 22.53 | 24.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 22.63 | 22.73 | 22.55 | 24.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 22.74 | 22.63 | 22.62 | 24.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 22.69 | 22.62 | 22.73 | 24.5 | 0.0 | |

| Part27Q n78 PC2 Ant6 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.33 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.22 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 23.29 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.31 | | | 24.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 23.14 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 23.12 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 23.38 | | | | | |
| 100 | QPSK | 1 | 137 | 23.21 | | | 24.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.17 | | | | | |
| 100 | QPSK | 135 | 0 | 23.17 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 23.30 | | | 24.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 23.00 | | | | | |
| 100 | QPSK | 270 | 0 | 22.92 | | | 24.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 23.22 | | | 24.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 23.29 | | | 24.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 22.16 | | | 24.0 | 0.5 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3495.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 23.24 | 23.37 | 23.16 | 24.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 23.27 | 23.38 | 23.16 | 24.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 23.17 | 23.27 | 23.28 | 24.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 23.13 | 23.31 | 23.17 | 24.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 23.29 | 23.28 | 23.20 | 24.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 23.18 | 23.25 | 23.16 | 24.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 23.29 | 23.28 | 23.21 | 24.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 23.22 | 23.31 | 23.21 | 24.5 | 0.0 | |
| Channel | | | | 630600 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 23.16 | 23.21 | 23.32 | 24.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 23.19 | 23.27 | 23.16 | 24.5 | 0.0 | |



| Part270 n77 Ant7 DS14 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.03 | 18.16 | 18.10 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.05 | 18.16 | 18.04 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 18.23 | 18.11 | 18.08 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.98 | 18.01 | 18.16 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.07 | 18.15 | 18.21 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | 17.97 | 17.84 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 18.08 | 18.24 | 18.09 | | | |
| 100 | QPSK | 1 | 1 | 18.24 | 18.20 | 18.19 | | | |
| 100 | QPSK | 1 | 137 | 17.96 | 18.04 | 18.04 | 18.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.91 | 18.08 | 18.08 | | | |
| 100 | QPSK | 135 | 0 | 17.90 | 18.01 | 17.94 | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.21 | 18.25 | 18.19 | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.04 | 18.22 | 18.01 | | | |
| 100 | QPSK | 270 | 0 | 18.15 | 18.21 | 18.17 | 18.7 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.03 | 18.04 | 17.91 | 18.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 18.15 | 18.22 | 18.17 | 18.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.26 | 18.25 | 18.21 | 18.7 | 0.0 | |
| Channel | | | | 648688 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 17.71 | 18.12 | 17.75 | 18.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 662688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 1 | 17.70 | 18.18 | 17.82 | 18.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 17.81 | 18.01 | 17.82 | 18.7 | 0.0 | |
| Channel | | | | 648688 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 17.70 | 18.17 | 17.85 | 18.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 663688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 17.90 | 18.10 | 17.83 | 18.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 17.70 | 17.98 | 17.86 | 18.7 | 0.0 | |
| Channel | | | | 647688 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 17.77 | 17.96 | 17.75 | 18.7 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 17.79 | 18.06 | 17.92 | 18.7 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 17.75 | 18.06 | 17.87 | 18.7 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 17.88 | 18.07 | 17.74 | 18.7 | 0.0 | |

| Part27Q n77 Ant7 DS14 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.06 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.93 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.95 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.06 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.96 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.87 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 18.04 | | | | | |
| 100 | QPSK | 1 | 1 | 18.16 | | | | | |
| 100 | QPSK | 1 | 137 | 18.09 | | | 18.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.01 | | | | | |
| 100 | QPSK | 135 | 0 | 18.07 | | | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.11 | | | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.94 | | | 18.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.09 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.93 | | | 18.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 18.03 | | | 18.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.92 | | | 18.7 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 17.78 | 18.04 | 17.95 | 18.7 | 0.0 | |
| Channel | | | | 632688 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 17.78 | 18.12 | 17.94 | 18.7 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 17.91 | 18.01 | 18.02 | 18.7 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 17.98 | 17.90 | 17.98 | 18.7 | 0.0 | |
| Channel | | | | 631688 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 17.92 | 18.09 | 18.08 | 18.7 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 18.01 | 17.96 | 17.99 | 18.7 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 17.92 | 18.12 | 18.08 | 18.7 | 0.0 | |
| Channel | | | | 630688 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 17.80 | 18.08 | 18.00 | 18.7 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 17.93 | 17.92 | 17.95 | 18.7 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 17.90 | 18.04 | 17.89 | 18.7 | 0.0 | |



| Part27O n78 PC3 Ant7 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.82 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.88 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.93 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.78 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.88 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.75 | | | | | |
| 100 | QPSK | 1 | 1 | 16.95 | | | | | |
| 100 | QPSK | 1 | 137 | 16.84 | | | 17.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.86 | | | | | |
| 100 | QPSK | 135 | 0 | 16.75 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.74 | | | 17.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.89 | | | | | |
| 100 | 16QAM | 1 | 1 | 16.78 | | | 17.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.79 | | | 17.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.72 | | | 17.7 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 17.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.76 | 16.88 | 16.79 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 17.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.93 | 16.88 | 16.83 | | | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 17.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.87 | 16.91 | 16.85 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 17.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.77 | 16.78 | 16.82 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 17.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.75 | 16.94 | 16.91 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 17.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.94 | 16.85 | 16.85 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 17.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.76 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 17.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.93 | 16.92 | 16.76 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 17.7 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.85 | 16.91 | 16.75 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 17.7 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.89 | 16.95 | 16.82 | | | |

| Part27Q n78 PC3 Ant7 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.07 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.10 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.08 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.15 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.19 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.07 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.13 | | | | | |
| 100 | QPSK | 1 | 1 | 17.23 | | | | | |
| 100 | QPSK | 1 | 137 | 17.18 | | | 17.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.19 | | | | | |
| 100 | QPSK | 135 | 0 | 17.18 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.19 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.02 | | | 17.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.11 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.08 | | | 17.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.13 | | | 17.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.17 | | | 17.7 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 17.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.93 | 17.10 | 17.03 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 17.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.92 | 17.06 | 16.95 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 17.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.08 | 17.01 | 16.95 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 17.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.88 | 17.15 | 17.01 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 17.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.91 | 17.11 | 16.98 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 17.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.97 | 17.05 | 17.08 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 17.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.97 | 17.10 | 16.93 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 17.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.89 | 16.97 | 16.99 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 17.7 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.84 | 17.10 | 17.04 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 17.7 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.90 | 16.98 | 16.85 | | | |



| Part27O n78 PC2 Ant7 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.82 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.88 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.93 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.78 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.88 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.75 | | | | | |
| 100 | QPSK | 1 | 1 | 16.96 | | | | | |
| 100 | QPSK | 1 | 137 | 16.84 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.86 | | | | | |
| 100 | QPSK | 135 | 0 | 16.75 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.74 | | | | | |
| 100 | QPSK | 270 | 0 | 16.89 | | | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 16.78 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.79 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.72 | | | 18.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.76 | 16.88 | 16.79 | 18.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.93 | 16.88 | 16.89 | 18.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.87 | 16.91 | 16.86 | 18.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.77 | 16.78 | 16.82 | 18.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.75 | 16.94 | 16.91 | 18.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.94 | 16.86 | 16.86 | 18.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.76 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.93 | 16.92 | 16.76 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.85 | 16.91 | 16.75 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.89 | 16.95 | 16.82 | 18.5 | 0.0 | |

| Part27Q n78 PC2 Ant7 DS14 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.07 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.10 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.08 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.15 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.19 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.07 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.13 | | | | | |
| 100 | QPSK | 1 | 1 | 17.23 | | | | | |
| 100 | QPSK | 1 | 137 | 17.18 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.19 | | | | | |
| 100 | QPSK | 135 | 0 | 17.18 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.19 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.02 | | | | | |
| 100 | QPSK | 270 | 0 | 17.11 | | | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.08 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.13 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.17 | | | 18.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.93 | 17.10 | 17.03 | 18.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.92 | 17.06 | 16.95 | 18.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.08 | 17.01 | 16.95 | 18.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.86 | 17.15 | 17.01 | 18.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.91 | 17.11 | 16.98 | 18.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.97 | 17.05 | 17.08 | 18.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.97 | 17.10 | 16.93 | 18.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.89 | 16.97 | 16.99 | 18.5 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.84 | 17.10 | 17.04 | 18.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.90 | 16.98 | 16.85 | 18.5 | 0.0 | |



| Part270 n77 Ant8 DS14 | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 650000 | 650000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.53 | 21.53 | 21.45 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.46 | 21.36 | 21.30 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 21.62 | 21.56 | 21.48 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.34 | 21.42 | 21.20 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.39 | 21.48 | 21.58 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.41 | 21.35 | 21.44 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.56 | 21.64 | 21.52 | | |
| 100 | QPSK | 1 | 1 | 21.62 | 21.67 | 21.61 | | |
| 100 | QPSK | 1 | 137 | 21.30 | 21.48 | 21.50 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.62 | 21.47 | 21.33 | | |
| 100 | QPSK | 135 | 0 | 21.25 | 21.48 | 21.37 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.57 | 21.63 | 21.60 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.27 | 21.50 | 21.49 | 23.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.54 | 21.58 | 21.51 | | |
| 100 | 16QAM | 1 | 1 | 21.37 | 21.25 | 21.31 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.44 | 21.59 | 21.50 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.44 | 19.37 | 19.49 | 23.0 | 2.0 |
| Channel | | | | 646688 | 656000 | 662334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | (dBm) | (dB) |
| 90 | QPSK | 1 | 1 | 21.50 | 21.51 | 21.55 | 23.0 | 0.0 |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) |
| 80 | QPSK | 1 | 1 | 21.42 | 21.64 | 21.54 | 23.0 | 0.0 |
| Channel | | | | 646000 | 656000 | 663000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | (dBm) | (dB) |
| 70 | QPSK | 1 | 1 | 21.30 | 21.47 | 21.44 | 23.0 | 0.0 |
| Channel | | | | 646688 | 656000 | 663334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) |
| 60 | QPSK | 1 | 1 | 21.48 | 21.48 | 21.51 | 23.0 | 0.0 |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) |
| 50 | QPSK | 1 | 1 | 21.54 | 21.51 | 21.59 | 23.0 | 0.0 |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) |
| 40 | QPSK | 1 | 1 | 21.33 | 21.47 | 21.48 | 23.0 | 0.0 |
| Channel | | | | 647688 | 656000 | 664334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 21.56 | 21.61 | 21.59 | 23.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 21.54 | 21.63 | 21.55 | 23.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 21.38 | 21.50 | 21.62 | 23.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 21.49 | 21.60 | 21.50 | 23.0 | 0.0 |

| Part27Q n77 Ant8 DS14 | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 630000 | 633334 | 635000 | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.48 | 21.48 | 21.48 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.32 | 21.32 | 21.32 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 21.54 | 21.54 | 21.54 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.30 | 21.30 | 21.30 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.46 | 21.46 | 21.46 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.25 | 21.25 | 21.25 | 23.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.54 | 21.54 | 21.54 | | |
| 100 | QPSK | 1 | 1 | 21.62 | 21.62 | 21.62 | | |
| 100 | QPSK | 1 | 137 | 21.45 | 21.45 | 21.45 | 23.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.38 | 21.38 | 21.38 | | |
| 100 | QPSK | 135 | 0 | 21.38 | 21.38 | 21.38 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.59 | 21.59 | 21.59 | 23.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.41 | 21.41 | 21.41 | 23.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.58 | 21.58 | 21.58 | | |
| 100 | 16QAM | 1 | 1 | 21.30 | 21.30 | 21.30 | 23.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.59 | 21.59 | 21.59 | 23.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.73 | 19.73 | 19.73 | 23.0 | 2.0 |
| Channel | | | | 630000 | 633334 | 633668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) |
| 90 | QPSK | 1 | 1 | 21.44 | 21.48 | 21.58 | 23.0 | 0.0 |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) |
| 80 | QPSK | 1 | 1 | 21.41 | 21.55 | 21.52 | 23.0 | 0.0 |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) |
| 70 | QPSK | 1 | 1 | 21.59 | 21.47 | 21.33 | 23.0 | 0.0 |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) |
| 60 | QPSK | 1 | 1 | 21.40 | 21.41 | 21.46 | 23.0 | 0.0 |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) |
| 50 | QPSK | 1 | 1 | 21.58 | 21.34 | 21.32 | 23.0 | 0.0 |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) |
| 40 | QPSK | 1 | 1 | 21.51 | 21.42 | 21.41 | 23.0 | 0.0 |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 21.58 | 21.34 | 21.46 | 23.0 | 0.0 |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) |
| 20 | QPSK | 1 | 1 | 21.63 | 21.54 | 21.43 | 23.0 | 0.0 |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 21.54 | 21.48 | 21.45 | 23.0 | 0.0 |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 21.59 | 21.44 | 21.40 | 23.0 | 0.0 |



| Part27O n78 PC2&3 Ant8 DS14 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.12 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 19.00 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.88 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.05 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | | 19.15 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 19.12 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 19.16 | | 20.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | | 19.22 | | | | |
| 100 | QPSK | 1 | 137 | | 19.08 | | 20.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 18.94 | | | | |
| 100 | QPSK | 135 | 0 | | 18.91 | | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 19.04 | | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 18.93 | | | | |
| 100 | QPSK | 270 | 0 | | 19.11 | | 20.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 18.77 | | 20.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 19.22 | | 20.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 19.12 | | 20.5 | 0.0 | |
| Channel | | | | 649688 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | | 19.02 | 19.03 | 19.14 | 20.5 | 0.0 |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | | 19.04 | 19.11 | 19.18 | 20.5 | 0.0 |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | | 19.81 | 19.07 | 19.11 | 20.5 | 0.0 |
| Channel | | | | 648688 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | | 19.00 | 19.08 | 19.01 | 20.5 | 0.0 |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | | 19.92 | 19.22 | 19.02 | 20.5 | 0.0 |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | | 19.01 | 19.23 | 19.16 | 20.5 | 0.0 |
| Channel | | | | 647688 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | | 19.87 | 19.14 | 19.13 | 20.5 | 0.0 |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | | 19.92 | 19.07 | 19.08 | 20.5 | 0.0 |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | | 19.04 | 19.08 | 19.17 | 20.5 | 0.0 |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | | 18.90 | 19.17 | 19.02 | 20.5 | 0.0 |

| Part27Q n78 PC2&3 Ant8 DS14 | | | | | | | | | |
|-----------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.08 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 19.01 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.98 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.00 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | | 19.10 | | 20.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | | 19.05 | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 19.01 | | 20.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | | 19.17 | | | | |
| 100 | QPSK | 1 | 137 | | 19.03 | | 20.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | | 19.08 | | | | |
| 100 | QPSK | 135 | 0 | | 19.00 | | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | | 19.06 | | 20.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | | 18.97 | | | | |
| 100 | QPSK | 270 | 0 | | 19.02 | | 20.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | | 18.87 | | 20.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | | 19.92 | | 20.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | | 19.06 | | 20.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | | 19.95 | 19.09 | 18.98 | 20.5 | 0.0 |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | | 18.94 | 18.97 | 18.91 | 20.5 | 0.0 |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | | 19.02 | 19.08 | 18.98 | 20.5 | 0.0 |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | | 18.95 | 18.99 | 18.94 | 20.5 | 0.0 |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | | 19.00 | 19.16 | 19.09 | 20.5 | 0.0 |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | | 18.95 | 19.05 | 19.11 | 20.5 | 0.0 |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | | 18.95 | 19.08 | 18.94 | 20.5 | 0.0 |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | | 18.92 | 19.11 | 18.96 | 20.5 | 0.0 |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | | 18.98 | 19.05 | 18.93 | 20.5 | 0.0 |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | | 18.99 | 18.95 | 19.03 | 20.5 | 0.0 |



Reduced Power Mode for 5G NR for DSI 4_Main P/

| n7 Ant3 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 23.41 | 23.53 | 23.44 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.35 | 23.45 | 23.39 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.23 | 23.26 | 23.19 | | |
| 40 | PI/2 BPSK | 108 | 0 | 22.96 | 23.02 | 22.98 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 23.38 | 23.46 | 23.41 | 25.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 22.79 | 22.87 | 22.85 | 24.5 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 22.89 | 22.93 | 22.88 | | |
| 40 | QPSK | 1 | 1 | 23.50 | 23.61 | 23.47 | 25.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 23.40 | 23.54 | 23.39 | | |
| 40 | QPSK | 1 | 214 | 23.32 | 23.35 | 23.23 | | |
| 40 | QPSK | 108 | 0 | 22.53 | 22.58 | 22.54 | 24.0 | 1.0 |
| 40 | QPSK | 108 | 54 | 23.44 | 23.50 | 23.32 | 25.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.28 | 22.43 | 22.29 | 24.0 | 1.0 |
| 40 | QPSK | 216 | 0 | 22.28 | 22.37 | 22.23 | | |
| 40 | 16QAM | 1 | 1 | 22.41 | 22.45 | 22.32 | 24.0 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.04 | 21.15 | 21.07 | 22.5 | 2.5 |
| 40 | 256QAM | 1 | 1 | 19.01 | 19.17 | 19.11 | 20.5 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 23.41 | 23.47 | 23.41 | 25.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 23.36 | 23.58 | 23.44 | 25.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 23.46 | 23.51 | 23.38 | 25.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 23.38 | 23.44 | 23.30 | 25.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.40 | 23.52 | 23.34 | 25.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.45 | 23.54 | 23.31 | 25.0 | 0.0 |



| n38 Ant3 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.50 | 22.66 | 22.58 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 22.40 | 22.47 | 22.44 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.47 | 22.64 | 22.61 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.10 | 22.14 | 22.07 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.52 | 22.65 | 22.58 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 21.93 | 22.08 | 21.99 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.02 | 22.11 | 22.00 | | | |
| 40 | QPSK | 1 | 1 | 22.62 | 22.68 | 22.53 | 23.5 | 0.0 | |
| 40 | QPSK | 1 | 53 | 22.47 | 22.58 | 22.45 | | | |
| 40 | QPSK | 1 | 104 | 21.92 | 22.02 | 22.00 | | | |
| 40 | QPSK | 50 | 0 | 21.74 | 21.76 | 21.66 | 22.5 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.53 | 22.61 | 22.58 | 23.5 | 0.0 | |
| 40 | QPSK | 50 | 56 | 21.37 | 21.46 | 21.40 | 22.5 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.60 | 21.64 | 21.52 | | | |
| 40 | 16QAM | 1 | 1 | 21.63 | 21.71 | 21.62 | | | |
| 40 | 64QAM | 1 | 1 | 20.27 | 20.31 | 20.25 | 21.0 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.54 | 18.69 | 18.65 | 19.0 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 22.55 | 22.57 | 22.43 | 23.5 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 22.47 | 22.56 | 22.51 | 23.5 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 22.53 | 22.58 | 22.39 | 23.5 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 22.51 | 22.52 | 22.42 | 23.5 | 0.0 | |

| n41 Ant3 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.28 | 23.40 | 23.29 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.25 | 23.28 | 23.24 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.19 | 23.35 | 23.24 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.72 | 22.80 | 22.69 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.26 | 23.33 | 23.16 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.55 | 22.72 | 22.65 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.65 | 22.82 | 22.79 | | | |
| 100 | QPSK | 1 | 1 | 23.37 | 23.42 | 23.29 | | | |
| 100 | QPSK | 1 | 137 | 23.16 | 23.27 | 23.25 | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 23.29 | 23.32 | 23.15 | | | |
| 100 | QPSK | 135 | 0 | 22.33 | 22.40 | 22.35 | | | |
| 100 | QPSK | 135 | 69 | 23.22 | 23.26 | 23.10 | 25.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.20 | 22.29 | 22.12 | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.27 | 22.33 | 22.22 | | | |
| 100 | 16QAM | 1 | 1 | 22.41 | 22.50 | 22.43 | | | |
| 100 | 64QAM | 1 | 1 | 21.00 | 21.07 | 20.93 | 22.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 18.91 | 19.03 | 18.90 | 20.5 | 4.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 23.20 | 23.39 | 23.27 | 25.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 23.33 | 23.35 | 23.14 | 25.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 23.25 | 23.33 | 23.26 | 25.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 23.21 | 23.28 | 23.15 | 25.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 23.27 | 23.25 | 23.23 | 25.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 23.30 | 23.39 | 23.18 | 25.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 23.23 | 23.35 | 23.13 | 25.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 23.31 | 23.32 | 23.13 | 25.0 | 0.0 | |



| Reduced Power Mode for 5G NR for DSI 4_Main PA | | | | | | | | |
|--|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 23.03 | 23.23 | 23.27 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 23.06 | 23.31 | 23.22 | | |
| 40 | PI/2 BPSK | 1 | 214 | 23.13 | 23.12 | 23.20 | | |
| 40 | PI/2 BPSK | 108 | 0 | 23.21 | 23.33 | 23.23 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 23.17 | 23.23 | 23.16 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 23.01 | 23.12 | 23.07 | 24.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 23.06 | 23.10 | 22.93 | 24.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 23.26 | 23.34 | 23.31 | | |
| 40 | QPSK | 1 | 108 | 23.11 | 23.30 | 23.29 | | |
| 40 | QPSK | 1 | 214 | 22.82 | 23.10 | 23.00 | 24.5 | 0.0 |
| 40 | QPSK | 108 | 0 | 22.52 | 22.55 | 22.45 | 24.0 | 0.5 |
| 40 | QPSK | 108 | 54 | 23.20 | 23.25 | 23.23 | 24.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 22.53 | 22.61 | 22.52 | 24.0 | 0.5 |
| 40 | QPSK | 216 | 0 | 22.63 | 22.66 | 22.60 | | |
| 40 | 16QAM | 1 | 1 | 22.23 | 22.39 | 22.26 | | |
| 40 | 64QAM | 1 | 1 | 20.94 | 20.99 | 20.85 | 22.5 | 2.0 |
| 40 | 256QAM | 1 | 1 | 19.12 | 19.26 | 19.22 | 20.5 | 4.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 22.88 | 22.98 | 22.83 | 24.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 22.92 | 22.98 | 22.90 | 24.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 22.98 | 23.10 | 22.94 | 24.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 22.98 | 23.10 | 22.72 | 24.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 23.06 | 23.11 | 22.86 | 24.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 23.09 | 23.13 | 22.73 | 24.5 | 0.0 |



| n38 Ant4 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 22.70 | 22.76 | 22.67 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 22.47 | 22.58 | 22.54 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 22.64 | 22.70 | 22.61 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 22.05 | 22.18 | 22.11 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 50 | 28 | 22.59 | 22.67 | 22.53 | 23.5 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 22.21 | 22.23 | 22.11 | 23.0 | 0.5 | |
| 40 | PI/2 BPSK | 100 | 0 | 22.12 | 22.20 | 22.10 | | | |
| 40 | QPSK | 1 | 1 | 22.77 | 22.81 | 22.68 | 23.5 | 0.0 | |
| 40 | QPSK | 1 | 53 | 22.56 | 22.63 | 22.46 | | | |
| 40 | QPSK | 1 | 104 | 22.22 | 22.34 | 22.17 | | | |
| 40 | QPSK | 50 | 0 | 21.49 | 21.63 | 21.60 | 22.5 | 1.0 | |
| 40 | QPSK | 50 | 28 | 22.59 | 22.64 | 22.50 | 23.5 | 0.0 | |
| 40 | QPSK | 50 | 56 | 21.46 | 21.57 | 21.44 | 22.5 | 1.0 | |
| 40 | QPSK | 100 | 0 | 21.62 | 21.68 | 21.57 | | | |
| 40 | 16QAM | 1 | 1 | 21.85 | 21.88 | 21.86 | 22.5 | 1.0 | |
| 40 | 64QAM | 1 | 1 | 20.38 | 20.47 | 20.44 | 21.0 | 2.5 | |
| 40 | 256QAM | 1 | 1 | 18.42 | 18.44 | 18.27 | 19.0 | 4.5 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 22.61 | 22.68 | 22.51 | 23.5 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 22.70 | 22.68 | 22.50 | 23.5 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 22.65 | 22.78 | 22.59 | 23.5 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 22.63 | 22.76 | 22.60 | 23.5 | 0.0 | |

| n41 Ant4 Default | | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 23.39 | 23.54 | 23.45 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 23.49 | 23.57 | 23.54 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 23.49 | 23.51 | 23.34 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.83 | 22.99 | 22.90 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 135 | 69 | 23.45 | 23.55 | 23.39 | 25.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 22.91 | 23.04 | 23.00 | 24.5 | 0.5 | |
| 100 | PI/2 BPSK | 270 | 0 | 22.89 | 23.04 | 22.88 | | | |
| 100 | QPSK | 1 | 1 | 23.53 | 23.62 | 23.47 | 25.0 | 0.0 | |
| 100 | QPSK | 1 | 137 | 23.31 | 23.43 | 23.39 | | | |
| 100 | QPSK | 1 | 271 | 23.43 | 23.58 | 23.49 | | | |
| 100 | QPSK | 135 | 0 | 22.40 | 22.48 | 22.34 | 24.0 | 1.0 | |
| 100 | QPSK | 135 | 69 | 23.45 | 23.51 | 23.40 | 25.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 22.44 | 22.52 | 22.37 | 24.0 | 1.0 | |
| 100 | QPSK | 270 | 0 | 22.44 | 22.49 | 22.36 | | | |
| 100 | 16QAM | 1 | 1 | 22.56 | 22.69 | 22.64 | 24.0 | 1.0 | |
| 100 | 64QAM | 1 | 1 | 20.95 | 21.02 | 20.98 | 22.5 | 2.5 | |
| 100 | 256QAM | 1 | 1 | 19.36 | 19.42 | 19.38 | 20.5 | 4.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 23.48 | 23.47 | 23.39 | 25.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 23.40 | 23.56 | 23.30 | 25.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 23.44 | 23.46 | 23.33 | 25.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 23.37 | 23.58 | 23.45 | 25.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 23.45 | 23.55 | 23.40 | 25.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 23.46 | 23.49 | 23.33 | 25.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 23.37 | 23.51 | 23.32 | 25.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 23.42 | 23.50 | 23.39 | 25.0 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 1

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|-------------|-------------|---------------|------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit | MPR | |
| | | | | Low | Middle | High | | | |
| Channel | | | | Ch. J Freq. | Ch. J Freq. | Ch. J Freq. | | | |
| Frequency (MHz) | | | | 166800 | 167300 | 167800 | | | |
| | | | | 834 | 836.5 | 839 | | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.46 | 24.37 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 1 | 53 | 24.24 | 24.40 | 24.30 | | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.12 | 24.23 | 24.11 | | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.05 | 24.10 | 23.95 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 50 | 28 | 24.44 | 24.48 | 24.31 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 50 | 56 | 23.81 | 23.85 | 23.81 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 100 | 0 | 23.89 | 23.99 | 23.94 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.52 | | | |
| 20 | QPSK | 1 | 53 | 24.26 | 24.42 | 24.40 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 24.03 | 24.16 | 24.04 | | | |
| 20 | QPSK | 50 | 0 | 23.37 | 23.54 | 23.43 | | | |
| 20 | QPSK | 50 | 28 | 24.52 | 24.54 | 24.49 | 25.5 | 0.0 | |
| 20 | QPSK | 50 | 56 | 23.28 | 23.37 | 23.28 | 24.5 | 1.0 | |
| 20 | QPSK | 100 | 0 | 23.53 | 23.54 | 23.50 | | | |
| 20 | 16QAM | 1 | 1 | 23.35 | 23.44 | 23.40 | | | |
| 20 | 64QAM | 1 | 1 | 21.95 | 22.04 | 21.94 | 23.0 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 20.16 | 20.30 | 20.26 | 21.0 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 24.42 | 24.46 | 24.43 | 25.5 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.54 | 24.47 | 25.5 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) | |
| 5 | QPSK | 1 | 1 | 24.51 | 24.45 | 24.37 | 25.5 | 0.0 | |



| n5 Ant1 DS11 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | 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 | 22.92 | 22.93 | 22.82 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.83 | 22.98 | 22.78 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.56 | 22.73 | 22.43 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.76 | 22.90 | 23.01 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.91 | 23.02 | 22.91 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.72 | 22.83 | 22.80 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.79 | 22.96 | 22.94 | | |
| 20 | QPSK | 1 | 1 | 22.89 | 23.08 | 22.84 | | |
| 20 | QPSK | 1 | 53 | 22.77 | 22.95 | 22.68 | 24.2 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.70 | 22.63 | 22.48 | | |
| 20 | QPSK | 50 | 0 | 22.84 | 23.02 | 23.00 | | |
| 20 | QPSK | 50 | 28 | 22.97 | 23.04 | 22.96 | 24.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 22.77 | 22.79 | 22.70 | 24.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 22.87 | 22.94 | 22.86 | | |
| 20 | 16QAM | 1 | 1 | 22.67 | 22.82 | 22.77 | | |
| 20 | 64QAM | 1 | 1 | 22.24 | 22.38 | 22.27 | 23.2 | 1.0 |
| 20 | 256QAM | 1 | 1 | 20.10 | 20.26 | 20.10 | 21.2 | 3.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.73 | 23.03 | 22.76 | 24.2 | 0.0 |
| Channel | | | | 166800 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.79 | 22.96 | 22.75 | 24.2 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.80 | 22.91 | 22.93 | 24.2 | 0.0 |

| n7 Ant2 DSI1 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.47 | 20.59 | 20.42 | | |
| 40 | PI/2 BPSK | 1 | 108 | 20.30 | 20.54 | 20.49 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.50 | 20.49 | 20.30 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.33 | 20.46 | 20.33 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.34 | 20.52 | 20.36 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.24 | 20.38 | 20.34 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.51 | 20.38 | 20.33 | | |
| 40 | QPSK | 1 | 1 | 20.68 | 20.71 | 20.70 | | |
| 40 | QPSK | 1 | 108 | 20.42 | 20.46 | 20.46 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.30 | 20.42 | 20.39 | | |
| 40 | QPSK | 108 | 0 | 20.24 | 20.51 | 20.35 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.62 | 20.65 | 20.58 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.20 | 20.41 | 20.44 | 21.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.57 | 20.60 | 20.51 | | |
| 40 | 16QAM | 1 | 1 | 20.29 | 20.49 | 20.46 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.50 | 20.62 | 20.58 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.68 | 20.51 | 20.64 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.52 | 20.70 | 20.38 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.52 | 20.57 | 20.40 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.53 | 20.69 | 20.34 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.53 | 20.69 | 20.41 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.54 | 20.67 | 20.32 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.57 | 20.58 | 20.48 | 21.2 | 0.0 |



| n38 Ant2 DS11 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.96 | 19.02 | 18.80 | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.78 | 18.88 | 18.76 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 18.73 | 18.98 | 18.93 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.76 | 18.85 | 18.60 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.76 | 18.77 | 18.96 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 18.70 | 18.80 | 18.70 | | |
| 40 | PI/2 BPSK | 100 | 0 | 18.80 | 18.89 | 18.70 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 19.01 | 19.11 | 19.05 | | |
| 40 | QPSK | 1 | 53 | 18.92 | 18.86 | 18.98 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 18.56 | 18.80 | 18.78 | | |
| 40 | QPSK | 50 | 0 | 18.89 | 18.91 | 18.93 | 20.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.95 | 19.02 | 18.97 | 20.0 | 0.0 |
| 40 | QPSK | 50 | 56 | 18.77 | 18.94 | 18.81 | | |
| 40 | QPSK | 100 | 0 | 18.94 | 18.98 | 18.96 | 20.0 | 0.0 |
| 40 | 16QAM | 1 | 1 | 18.57 | 18.70 | 18.66 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.91 | 18.93 | 19.01 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.01 | 18.88 | 19.04 | 20.0 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 20.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 19.04 | 18.88 | 18.92 | 20.0 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 19.02 | 19.00 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 20.0 | 0.0 |
| 15 | QPSK | 1 | 1 | 19.07 | 19.05 | 19.07 | 20.0 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 20.0 | 0.0 |
| 10 | QPSK | 1 | 1 | 18.93 | 18.96 | 19.03 | 20.0 | 0.0 |

| n41 Ant2 DS11 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.78 | 18.88 | 18.95 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.89 | 18.92 | 18.83 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 18.83 | 18.89 | 18.86 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.81 | 18.84 | 18.70 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.90 | 18.92 | 18.78 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.70 | 18.88 | 18.74 | | |
| 100 | PI/2 BPSK | 270 | 0 | 18.79 | 18.78 | 18.53 | 19.7 | 0.0 |
| 100 | QPSK | 1 | 1 | 18.94 | 19.02 | 18.96 | | |
| 100 | QPSK | 1 | 137 | 18.90 | 18.85 | 18.81 | 19.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.88 | 18.91 | 18.90 | | |
| 100 | QPSK | 135 | 0 | 18.74 | 18.89 | 18.79 | 19.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.91 | 18.95 | 18.92 | 19.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.58 | 18.71 | 18.52 | | |
| 100 | QPSK | 270 | 0 | 18.88 | 18.91 | 18.84 | 19.7 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.65 | 18.80 | 18.67 | 19.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.90 | 18.91 | 18.92 | 19.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.90 | 18.94 | 18.76 | 19.7 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 20.0 | 0.0 |
| 90 | QPSK | 1 | 1 | 18.83 | 18.86 | 18.98 | 19.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 20.0 | 0.0 |
| 80 | QPSK | 1 | 1 | 18.80 | 18.92 | 18.77 | 19.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 20.0 | 0.0 |
| 70 | QPSK | 1 | 1 | 18.72 | 18.86 | 18.98 | 19.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 20.0 | 0.0 |
| 60 | QPSK | 1 | 1 | 18.73 | 18.98 | 19.01 | 19.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 20.0 | 0.0 |
| 50 | QPSK | 1 | 1 | 18.76 | 18.88 | 18.87 | 19.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 18.90 | 18.86 | 18.79 | 19.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 20.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 18.87 | 18.98 | 18.87 | 19.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 18.89 | 18.96 | 18.91 | 19.7 | 0.0 |

| n7 Ant3 DS11-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.84 | 21.04 | 20.91 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.95 | 20.96 | 20.88 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.98 | 20.87 | 20.89 | | |
| 40 | PI/2 BPSK | 108 | 0 | 21.05 | 21.11 | 20.97 | | |
| 40 | PI/2 BPSK | 108 | 54 | 21.00 | 20.97 | 20.84 | | |
| 40 | PI/2 BPSK | 108 | 108 | 20.85 | 20.87 | 20.90 | | |
| 40 | PI/2 BPSK | 216 | 0 | 20.90 | 20.82 | 20.80 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 21.18 | 21.20 | 21.15 | | |
| 40 | QPSK | 1 | 108 | 20.94 | 21.04 | 21.05 | | |
| 40 | QPSK | 1 | 214 | 20.75 | 21.09 | 20.67 | | |
| 40 | QPSK | 108 | 0 | 20.97 | 20.98 | 21.04 | | |
| 40 | QPSK | 108 | 54 | 21.12 | 21.18 | 21.10 | | |
| 40 | QPSK | 108 | 108 | 20.94 | 20.96 | 21.00 | 22.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.09 | 21.15 | 21.05 | | |
| 40 | 16QAM | 1 | 1 | 21.07 | 20.84 | 20.90 | | |
| 40 | 64QAM | 1 | 1 | 21.01 | 21.03 | 20.91 | | |
| 40 | 256QAM | 1 | 1 | 19.44 | 19.65 | 19.59 | | |
| 40 | 256QAM | 1 | 1 | 19.44 | 19.65 | 19.59 | | |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 21.09 | 21.02 | 20.95 | 22.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 20.97 | 21.17 | 20.94 | 22.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 20.99 | 21.12 | 21.00 | 22.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 21.03 | 21.15 | 20.97 | 22.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 21.07 | 21.02 | 21.12 | 22.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 20.98 | 21.15 | 21.04 | 22.5 | 0.0 |



| n38 Ant3 DS1-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.10 | 20.15 | 20.00 | | |
| 40 | PI/2 BPSK | 1 | 53 | 20.23 | 20.20 | 20.14 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 20.10 | 20.06 | 20.14 | | |
| 40 | PI/2 BPSK | 50 | 0 | 20.21 | 20.08 | 20.18 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 20.02 | 20.05 | 20.01 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 20.04 | 20.05 | 20.11 | | |
| 40 | PI/2 BPSK | 100 | 0 | 20.19 | 20.19 | 20.10 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 1 | 20.29 | 20.34 | 20.21 | | |
| 40 | QPSK | 1 | 53 | 20.19 | 20.19 | 20.20 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 104 | 20.28 | 20.24 | 20.23 | | |
| 40 | QPSK | 50 | 0 | 20.13 | 20.23 | 20.00 | 21.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 20.11 | 20.25 | 20.14 | 21.2 | 0.0 |
| 40 | QPSK | 50 | 56 | 20.16 | 20.08 | 20.23 | 21.2 | 0.0 |
| 40 | QPSK | 100 | 0 | 20.20 | 20.22 | 20.18 | | |
| 40 | 16QAM | 1 | 1 | 19.97 | 20.00 | 19.94 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.15 | 20.08 | 20.17 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.31 | 20.24 | 20.25 | 21.2 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 20.15 | 20.10 | 19.93 | 21.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 20.02 | 20.03 | 20.09 | 21.2 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 20.10 | 20.11 | 20.03 | 21.2 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 20.00 | 20.15 | 20.14 | 21.2 | 0.0 |

| n41 Ant3 DS1-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.06 | 22.03 | 21.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.89 | 21.90 | 22.03 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 22.03 | 22.18 | 22.04 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.07 | 22.20 | 21.91 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.92 | 22.01 | 21.95 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.75 | 22.03 | 21.83 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.83 | 22.06 | 22.06 | | |
| 100 | QPSK | 1 | 1 | 22.11 | 22.21 | 22.15 | | |
| 100 | QPSK | 1 | 137 | 21.95 | 21.93 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.91 | 22.15 | 21.97 | | |
| 100 | QPSK | 135 | 0 | 22.04 | 22.18 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.15 | 22.19 | 22.11 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.01 | 22.08 | 21.95 | 22.7 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.05 | 22.12 | 22.09 | | |
| 100 | 16QAM | 1 | 1 | 22.19 | 22.15 | 22.10 | 22.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.65 | 21.89 | 21.66 | 22.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.66 | 20.90 | 20.66 | 21.2 | 1.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.04 | 22.06 | 21.99 | 22.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.98 | 22.06 | 21.81 | 22.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 22.87 | 22.04 | 21.91 | 22.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.99 | 22.11 | 21.92 | 22.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.94 | 22.12 | 21.80 | 22.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.00 | 22.00 | 21.89 | 22.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.16 | 21.95 | 21.87 | 22.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.04 | 21.94 | 21.79 | 22.7 | 0.0 |

| n7 Ant4 DS11-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 17.25 | 17.20 | 17.11 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 17.33 | 17.13 | 17.19 | | |
| 40 | PI/2 BPSK | 1 | 214 | 17.09 | 17.14 | 17.18 | | |
| 40 | PI/2 BPSK | 108 | 0 | 17.21 | 17.10 | 16.91 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 17.20 | 17.26 | 17.11 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 17.22 | 17.21 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 17.08 | 17.28 | 17.07 | | |
| 40 | QPSK | 1 | 1 | 17.33 | 17.38 | 17.26 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 17.01 | 17.18 | 17.25 | | |
| 40 | QPSK | 1 | 214 | 17.08 | 17.19 | 16.85 | | |
| 40 | QPSK | 108 | 0 | 17.10 | 17.13 | 17.15 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 17.16 | 17.23 | 17.14 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 17.15 | 17.19 | 17.03 | 18.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 17.11 | 17.20 | 17.08 | | |
| 40 | 16QAM | 1 | 1 | 16.91 | 17.04 | 16.87 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.09 | 17.05 | 16.97 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.96 | 17.26 | 17.22 | 18.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 16.93 | 17.13 | 16.82 | 18.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 16.91 | 17.09 | 16.83 | 18.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 17.02 | 17.14 | 16.85 | 18.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 17.02 | 17.17 | 16.70 | 18.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 17.09 | 17.12 | 16.71 | 18.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 16.91 | 17.05 | 16.64 | 18.0 | 0.0 |



| n38 Ant4 DS1-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.93 | 17.03 | 16.93 | | |
| 40 | PI/2 BPSK | 1 | 53 | 16.65 | 16.89 | 16.81 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 16.97 | 16.87 | 16.88 | | |
| 40 | PI/2 BPSK | 50 | 0 | 16.93 | 16.92 | 16.92 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 16.83 | 17.01 | 16.79 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.01 | 17.09 | 16.75 | | |
| 40 | PI/2 BPSK | 100 | 0 | 17.00 | 16.85 | 16.75 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 17.11 | 17.12 | 17.09 | | |
| 40 | QPSK | 1 | 53 | 16.94 | 16.88 | 16.78 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 16.52 | 16.74 | 16.36 | | |
| 40 | QPSK | 50 | 0 | 16.66 | 16.95 | 16.85 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.04 | 17.08 | 17.01 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 56 | 16.64 | 16.89 | 16.85 | 18.0 | 0.0 |
| 40 | QPSK | 100 | 0 | 17.01 | 17.06 | 16.97 | | |
| 40 | 16QAM | 1 | 1 | 16.96 | 17.08 | 17.09 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 16.73 | 17.06 | 16.78 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.93 | 16.82 | 16.67 | 18.0 | 0.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 18.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 17.03 | 17.05 | 17.00 | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 18.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 17.04 | 17.03 | 16.83 | | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 18.0 | 0.0 |
| 15 | QPSK | 1 | 1 | 16.91 | 17.10 | 16.93 | | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 18.0 | 0.0 |
| 10 | QPSK | 1 | 1 | 17.08 | 17.08 | 17.00 | | |

| n41 Ant4 DS1-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 516598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.39 | 17.56 | 17.42 | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.50 | 17.54 | 17.54 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 17.58 | 17.58 | 17.46 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.42 | 17.38 | 17.26 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.52 | 17.48 | 17.46 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.26 | 17.44 | 17.40 | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.31 | 17.56 | 17.23 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 1 | 17.65 | 17.75 | 17.60 | | |
| 100 | QPSK | 1 | 137 | 17.21 | 17.29 | 17.47 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.34 | 17.60 | 17.50 | | |
| 100 | QPSK | 135 | 0 | 17.28 | 17.40 | 17.25 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.61 | 17.64 | 17.57 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.32 | 17.51 | 17.30 | 18.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.41 | 17.50 | 17.42 | | |
| 100 | 16QAM | 1 | 1 | 17.64 | 17.62 | 17.61 | 18.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.55 | 17.51 | 17.60 | 18.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.70 | 17.92 | 17.72 | 18.2 | 0.0 |
| Channel | | | | 508200 | 516598 | 528998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 18.2 | 0.0 |
| 90 | QPSK | 1 | 1 | 17.49 | 17.74 | 17.37 | | |
| Channel | | | | 507204 | 516598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 18.2 | 0.0 |
| 80 | QPSK | 1 | 1 | 17.62 | 17.73 | 17.50 | | |
| Channel | | | | 506202 | 516598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 18.2 | 0.0 |
| 70 | QPSK | 1 | 1 | 17.53 | 17.73 | 17.47 | | |
| Channel | | | | 505200 | 516598 | 531998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 18.2 | 0.0 |
| 60 | QPSK | 1 | 1 | 17.51 | 17.74 | 17.40 | | |
| Channel | | | | 504204 | 516598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 18.2 | 0.0 |
| 50 | QPSK | 1 | 1 | 17.51 | 17.64 | 17.31 | | |
| Channel | | | | 503202 | 516598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 18.2 | 0.0 |
| 40 | QPSK | 1 | 1 | 17.48 | 17.74 | 17.39 | | |
| Channel | | | | 502200 | 516598 | 534998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 18.2 | 0.0 |
| 30 | QPSK | 1 | 1 | 17.62 | 17.70 | 17.37 | | |
| Channel | | | | 501204 | 516598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 18.2 | 0.0 |
| 20 | QPSK | 1 | 1 | 17.51 | 17.54 | 17.47 | | |



| Part270 n77 Ant4 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.12 | 16.24 | 15.95 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.05 | 16.03 | 15.88 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.66 | 15.86 | 16.05 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.73 | 15.79 | 15.69 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.04 | 16.16 | 16.12 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.92 | 15.82 | 15.86 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.75 | 15.82 | 15.81 | | | |
| 100 | QPSK | 1 | 1 | 16.26 | 16.29 | 16.21 | | | |
| 100 | QPSK | 1 | 137 | 16.24 | 16.15 | 16.05 | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.88 | 16.16 | 16.09 | | | |
| 100 | QPSK | 135 | 0 | 15.69 | 15.56 | 15.62 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.08 | 16.13 | 16.09 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.56 | 15.59 | 15.55 | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.01 | 16.06 | 16.05 | | | |
| 100 | 16QAM | 1 | 1 | 15.65 | 15.70 | 15.55 | 17.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.85 | 15.80 | 15.97 | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.00 | 16.15 | 16.09 | 17.5 | 0.0 | |
| Channel | | | | 646968 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 17.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.85 | 16.02 | 16.11 | | | |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 17.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.97 | 16.02 | 16.09 | | | |
| Channel | | | | 646000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 17.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.80 | 16.05 | 16.01 | | | |
| Channel | | | | 646898 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 17.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.91 | 15.98 | 15.99 | | | |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 17.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.75 | 16.03 | 16.05 | | | |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 17.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.95 | 16.08 | 15.90 | | | |
| Channel | | | | 647698 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 17.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.70 | 16.14 | 15.98 | | | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 17.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.86 | 15.97 | 16.00 | | | |
| Channel | | | | 647198 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.82 | 3840 | 3972.51 | 17.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.77 | 16.07 | 15.99 | | | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 17.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.95 | 16.08 | 16.00 | | | |

| Part27Q n77 Ant4 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.05 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.94 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.03 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.95 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.25 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.88 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.99 | | | | | |
| 100 | QPSK | 1 | 1 | 16.31 | | | | | |
| 100 | QPSK | 1 | 137 | 16.09 | | | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.94 | | | | | |
| 100 | QPSK | 135 | 0 | 16.04 | | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.24 | | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.16 | | | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.20 | | | | | |
| 100 | 16QAM | 1 | 1 | 15.96 | | | 17.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.05 | | | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.22 | | | 17.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 17.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.02 | 16.15 | 16.10 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 17.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.02 | 16.20 | 15.97 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 17.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.07 | 16.21 | 16.01 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 17.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.04 | 16.28 | 16.18 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 17.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.05 | 16.18 | 16.02 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 17.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.19 | 16.17 | 16.01 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 17.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.10 | 16.08 | 16.05 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 17.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.13 | 16.25 | 16.07 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 17.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.04 | 16.07 | 16.15 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 17.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.21 | 16.16 | 16.00 | | | |



| Part270 n78 PC2&PC3 Ant4 DSI1 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.20 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.04 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.24 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.16 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.03 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.03 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 15.11 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.25 | | | | | |
| 100 | QPSK | 1 | 137 | 15.18 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.14 | | | | | |
| 100 | QPSK | 135 | 0 | 15.10 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.18 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.10 | | | | | |
| 100 | QPSK | 270 | 0 | 15.17 | | | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.09 | | | 17.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.02 | | | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.03 | | | 17.0 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 15.21 | 15.07 | 15.23 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 15.19 | 15.11 | 15.24 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 15.21 | 15.15 | 15.15 | 17.0 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 15.09 | 15.08 | 15.05 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 15.19 | 15.07 | 15.04 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 15.01 | 15.14 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 15.10 | 15.05 | 15.17 | 17.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 15.11 | 15.06 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 15.06 | 15.15 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 15.14 | 15.01 | 15.22 | 17.0 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant4 DSI1 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.24 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.13 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.19 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.14 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.26 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.02 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 15.23 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.27 | | | | | |
| 100 | QPSK | 1 | 137 | 15.23 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.18 | | | | | |
| 100 | QPSK | 135 | 0 | 15.20 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.25 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.10 | | | | | |
| 100 | QPSK | 270 | 0 | 15.23 | | | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.14 | | | 17.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.16 | | | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.24 | | | 17.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 15.02 | 15.21 | 15.08 | 17.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 15.22 | 15.17 | 15.13 | 17.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 15.04 | 15.24 | 15.16 | 17.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 15.05 | 15.11 | 15.15 | 17.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 15.02 | 15.18 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 15.08 | 15.15 | 15.13 | 17.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 15.09 | 15.06 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 15.21 | 15.09 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 15.14 | 15.23 | 15.19 | 17.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 15.07 | 15.09 | 15.24 | 17.0 | 0.0 | |



| n7 Ant5 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 25.06 | 25.08 | 24.95 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 24.99 | 25.12 | 24.98 | | |
| 40 | PI/2 BPSK | 1 | 214 | 24.95 | 25.05 | 24.88 | | |
| 40 | PI/2 BPSK | 108 | 0 | 24.52 | 24.55 | 24.53 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 108 | 54 | 24.94 | 25.02 | 24.96 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 24.47 | 24.53 | 24.43 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 216 | 0 | 24.46 | 24.52 | 24.37 | | |
| 40 | QPSK | 1 | 1 | 25.06 | 25.15 | 25.00 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 24.94 | 25.10 | 24.97 | | |
| 40 | QPSK | 1 | 214 | 25.06 | 25.13 | 25.06 | | |
| 40 | QPSK | 108 | 0 | 23.94 | 24.03 | 23.88 | 24.7 | 1.0 |
| 40 | QPSK | 108 | 54 | 25.03 | 25.09 | 24.98 | 25.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 24.04 | 24.08 | 23.95 | 24.7 | 1.0 |
| 40 | QPSK | 216 | 0 | 23.90 | 24.03 | 23.97 | | |
| 40 | 16QAM | 1 | 1 | 23.94 | 23.98 | 23.86 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 22.30 | 22.41 | 22.35 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.55 | 20.67 | 20.60 | 21.2 | 4.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 24.96 | 25.08 | 24.88 | 25.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 24.98 | 25.00 | 24.91 | 25.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 24.95 | 25.07 | 24.87 | 25.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.93 | 25.01 | 24.86 | 25.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.96 | 25.10 | 24.85 | 25.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.91 | 25.03 | 24.86 | 25.7 | 0.0 |



| n38 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 24.61 | 24.66 | 24.56 | | |
| 40 | PI/2 BPSK | 1 | 53 | 24.35 | 24.49 | 24.44 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 24.47 | 24.60 | 24.45 | | |
| 40 | PI/2 BPSK | 50 | 0 | 23.92 | 24.05 | 23.96 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 50 | 28 | 24.47 | 24.54 | 24.46 | 25.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 24.01 | 24.13 | 24.06 | 25.2 | 0.5 |
| 40 | PI/2 BPSK | 100 | 0 | 23.85 | 24.01 | 23.92 | | |
| 40 | QPSK | 1 | 1 | 24.63 | 24.70 | 24.69 | | |
| 40 | QPSK | 1 | 53 | 24.53 | 24.55 | 24.39 | 25.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 24.45 | 24.53 | 24.50 | | |
| 40 | QPSK | 50 | 0 | 23.50 | 23.54 | 23.41 | 24.7 | 1.0 |
| 40 | QPSK | 50 | 28 | 24.34 | 24.49 | 24.43 | 25.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 23.56 | 23.60 | 23.55 | 24.7 | 1.0 |
| 40 | QPSK | 100 | 0 | 23.41 | 23.54 | 23.48 | | |
| 40 | 16QAM | 1 | 1 | 23.43 | 23.56 | 23.46 | 24.7 | 1.0 |
| 40 | 64QAM | 1 | 1 | 21.89 | 22.04 | 21.94 | 23.2 | 2.5 |
| 40 | 256QAM | 1 | 1 | 20.29 | 20.36 | 20.20 | 21.2 | 4.5 |
| Channel | | | | 517002 | 519000 | 520998 | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 24.59 | 24.60 | 24.54 | 25.7 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 24.51 | 24.54 | 24.51 | 25.7 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 24.60 | 24.63 | 24.60 | 25.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 24.52 | 24.64 | 24.60 | 25.7 | 0.0 |

| n41 Ant5 Default | | | | | | | | |
|------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 24.94 | 25.07 | 24.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 24.93 | 24.99 | 24.90 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 25.01 | 25.04 | 24.97 | | |
| 100 | PI/2 BPSK | 135 | 0 | 24.45 | 24.58 | 24.41 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 135 | 69 | 25.08 | 25.10 | 25.07 | 25.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 24.33 | 24.47 | 24.31 | 25.2 | 0.5 |
| 100 | PI/2 BPSK | 270 | 0 | 24.52 | 24.59 | 24.46 | | |
| 100 | QPSK | 1 | 1 | 25.02 | 25.13 | 25.11 | | |
| 100 | QPSK | 1 | 137 | 24.95 | 25.11 | 25.07 | 25.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 24.96 | 25.06 | 25.00 | | |
| 100 | QPSK | 135 | 0 | 23.94 | 24.10 | 24.07 | 24.7 | 1.0 |
| 100 | QPSK | 135 | 69 | 25.01 | 25.08 | 24.94 | 25.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 23.95 | 23.97 | 23.88 | 24.7 | 1.0 |
| 100 | QPSK | 270 | 0 | 23.95 | 24.07 | 24.03 | | |
| 100 | 16QAM | 1 | 1 | 24.06 | 24.20 | 24.15 | 24.7 | 1.0 |
| 100 | 64QAM | 1 | 1 | 22.51 | 22.54 | 22.41 | 23.2 | 2.5 |
| 100 | 256QAM | 1 | 1 | 20.61 | 20.63 | 20.46 | 21.2 | 4.5 |
| Channel | | | | 508200 | 518598 | 528996 | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 24.96 | 25.00 | 25.05 | 25.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 24.85 | 24.98 | 24.99 | 25.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 24.99 | 25.10 | 25.02 | 25.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 24.91 | 24.99 | 25.09 | 25.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 24.89 | 25.09 | 25.07 | 25.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 24.99 | 25.06 | 25.04 | 25.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 24.98 | 24.99 | 25.03 | 25.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 24.93 | 25.06 | 25.09 | 25.7 | 0.0 |



| Part270 n77 Ant6 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 66200 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.90 | 17.04 | 16.87 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 16.97 | 17.04 | 16.99 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.99 | 16.93 | 16.82 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.02 | 16.92 | 16.95 | | | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | 17.08 | 16.97 | | | |
| 100 | PI/2 BPSK | 135 | 138 | 16.85 | 16.93 | 16.82 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 16.91 | 17.06 | 16.81 | | | |
| 100 | QPSK | 1 | 1 | 17.04 | 17.11 | 17.03 | | | |
| 100 | QPSK | 1 | 137 | 16.91 | 16.95 | 16.89 | | | |
| 100 | QPSK | 1 | 271 | 16.94 | 16.94 | 16.75 | | | |
| 100 | QPSK | 135 | 0 | 16.84 | 16.87 | 16.97 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | 17.03 | 16.90 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.90 | 16.80 | 16.86 | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.96 | 17.00 | 16.91 | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 16.89 | 16.89 | 16.93 | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.03 | 17.02 | 17.10 | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.89 | 16.96 | 16.83 | 18.5 | 0.0 | |
| Channel | | | | 64698 | 65000 | 66234 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.70 | 16.96 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 65000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.70 | 16.97 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 65000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.75 | 16.90 | 16.69 | 18.5 | 0.0 | |
| Channel | | | | 646698 | 65000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.70 | 17.04 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 65000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.70 | 16.84 | 16.80 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 65000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.64 | 17.00 | 16.71 | 18.5 | 0.0 | |
| Channel | | | | 647698 | 65000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.82 | 16.82 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 65000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.77 | 16.84 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 65000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.75 | 17.02 | 16.89 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 65000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.70 | 16.81 | 16.73 | 18.5 | 0.0 | |

| Part27Q n77 Ant6 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.59 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 17.42 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.36 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.48 | | | | | |
| 100 | PI/2 BPSK | 135 | 69 | 17.55 | | | | | |
| 100 | PI/2 BPSK | 135 | 138 | 17.47 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.53 | | | | | |
| 100 | QPSK | 1 | 1 | 17.76 | | | | | |
| 100 | QPSK | 1 | 137 | 17.58 | | | | | |
| 100 | QPSK | 1 | 271 | 17.63 | | | | | |
| 100 | QPSK | 135 | 0 | 17.51 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.39 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.39 | | | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.63 | | | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.59 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.55 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.43 | | | 18.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 17.67 | 17.52 | 17.59 | 18.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 17.47 | 17.63 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.58 | 17.61 | 17.38 | 18.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 17.50 | 17.60 | 17.45 | 18.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 17.63 | 17.55 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 17.62 | 17.66 | 17.67 | 18.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 17.61 | 17.70 | 17.62 | 18.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 17.68 | 17.75 | 17.48 | 18.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 17.63 | 17.74 | 17.46 | 18.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 17.75 | 17.70 | 17.58 | 18.5 | 0.0 | |



| Part27O n78 PC3 Ant6 DS11 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.78 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.74 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.74 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.76 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.77 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.79 | | | | | |
| 100 | QPSK | 1 | 1 | 17.85 | | | | | |
| 100 | QPSK | 1 | 137 | 17.75 | | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.72 | | | | | |
| 100 | QPSK | 135 | 0 | 17.63 | | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.63 | | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.75 | | | 19.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.80 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.76 | | | 19.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.75 | | | 19.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.81 | | | 19.2 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 17.73 | 17.84 | 17.70 | 19.2 | 0.0 | |
| Channel | | | | 646334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 17.63 | 17.73 | 17.73 | 19.2 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 17.85 | 17.68 | 17.65 | 19.2 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 17.83 | 17.76 | 17.59 | 19.2 | 0.0 | |
| Channel | | | | 646334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 17.65 | 17.76 | 17.61 | 19.2 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 17.74 | 17.67 | 17.60 | 19.2 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.66 | 17.75 | 19.2 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 17.82 | 17.66 | 17.74 | 19.2 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 17.65 | 17.81 | 17.73 | 19.2 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 17.81 | 17.82 | 17.71 | 19.2 | 0.0 | |

| Part27Q n78 PC3 Ant6 DS11 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.16 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.98 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.91 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.19 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.09 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.96 | | | | | |
| 100 | QPSK | 1 | 1 | 18.35 | | | | | |
| 100 | QPSK | 1 | 137 | 18.26 | | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.00 | | | | | |
| 100 | QPSK | 135 | 0 | 18.28 | | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.33 | | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.22 | | | 19.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.31 | | | | | |
| 100 | 16QAM | 1 | 1 | 18.18 | | | 19.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.94 | | | 19.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.19 | | | 19.2 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 18.31 | 18.27 | 18.30 | 19.2 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 18.09 | 18.30 | 18.24 | 19.2 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 18.23 | 18.25 | 18.17 | 19.2 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 18.09 | 18.18 | 18.29 | 19.2 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 18.12 | 18.25 | 18.11 | 19.2 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 18.14 | 18.29 | 18.19 | 19.2 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 18.26 | 18.24 | 18.21 | 19.2 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 18.30 | 18.24 | 18.22 | 19.2 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 18.18 | 18.26 | 18.22 | 19.2 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 18.09 | 18.24 | 18.24 | 19.2 | 0.0 | |



| Part27O n78 PC2 Ant6 DS11 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.78 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.74 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.74 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.76 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.77 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.79 | | | | | |
| 100 | QPSK | 1 | 1 | 17.85 | | | | | |
| 100 | QPSK | 1 | 137 | 17.75 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.72 | | | | | |
| 100 | QPSK | 135 | 0 | 17.63 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.63 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.75 | | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.80 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.76 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.75 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.81 | | | 19.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 17.73 | 17.84 | 17.70 | 19.5 | 0.0 | |
| Channel | | | | 646334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 17.63 | 17.73 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 17.85 | 17.68 | 17.65 | 19.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 17.83 | 17.76 | 17.59 | 19.5 | 0.0 | |
| Channel | | | | 646334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 17.65 | 17.76 | 17.61 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 17.74 | 17.67 | 17.60 | 19.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.66 | 17.75 | 19.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 17.82 | 17.66 | 17.74 | 19.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 17.65 | 17.81 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 17.81 | 17.82 | 17.71 | 19.5 | 0.0 | |

| Part27Q n78 PC2 Ant6 DS11 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3495.02 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.16 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.98 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.91 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.19 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.09 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.96 | | | | | |
| 100 | QPSK | 1 | 1 | 18.35 | | | | | |
| 100 | QPSK | 1 | 137 | 18.26 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.00 | | | | | |
| 100 | QPSK | 135 | 0 | 18.28 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.33 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.22 | | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.31 | | | | | |
| 100 | 16QAM | 1 | 1 | 18.18 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.94 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.19 | | | 19.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3495.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 18.31 | 18.27 | 18.30 | 19.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 18.09 | 18.30 | 18.24 | 19.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 18.23 | 18.25 | 18.17 | 19.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 18.09 | 18.18 | 18.29 | 19.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 18.12 | 18.25 | 18.11 | 19.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 18.14 | 18.29 | 18.19 | 19.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 18.26 | 18.24 | 18.21 | 19.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 18.30 | 18.24 | 18.22 | 19.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 18.18 | 18.26 | 18.22 | 19.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 18.09 | 18.24 | 18.24 | 19.5 | 0.0 | |



| Part270 n77 Ant7 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.67 | 15.70 | 15.61 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.62 | 15.64 | 15.70 | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.58 | 15.65 | 15.54 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.65 | 15.61 | 15.71 | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.72 | 15.65 | 15.62 | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.61 | 15.71 | 15.62 | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.65 | 15.63 | 15.69 | | | |
| 100 | QPSK | 1 | 1 | 15.71 | 15.73 | 15.68 | | | |
| 100 | QPSK | 1 | 137 | 15.55 | 15.65 | 15.64 | 16.3 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.65 | 15.73 | 15.64 | | | |
| 100 | QPSK | 135 | 0 | 15.59 | 15.69 | 15.58 | 16.3 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.65 | 15.71 | 15.70 | 16.3 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.29 | 15.60 | 15.28 | | | |
| 100 | QPSK | 270 | 0 | 15.62 | 15.67 | 15.56 | 16.3 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.38 | 15.28 | 15.26 | 16.3 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.34 | 15.55 | 15.67 | 16.3 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.42 | 15.69 | 15.68 | 16.3 | 0.0 | |
| Channel | | | | 648668 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 16.3 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.29 | 15.55 | 15.19 | | | |
| Channel | | | | 648334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 16.3 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.22 | 15.53 | 15.35 | | | |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 16.3 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.15 | 15.55 | 15.29 | | | |
| Channel | | | | 648668 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 16.3 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.21 | 15.47 | 15.23 | | | |
| Channel | | | | 648334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 16.3 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.20 | 15.53 | 15.32 | | | |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 16.3 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.11 | 15.45 | 15.31 | | | |
| Channel | | | | 647668 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 16.3 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.20 | 15.55 | 15.23 | | | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 16.3 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.23 | 15.36 | 15.28 | | | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | 16.3 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.29 | 15.59 | 15.20 | | | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 16.3 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.11 | 15.39 | 15.22 | | | |

| Part27Q n77 Ant7 DSI1 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.81 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.74 | | | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.45 | | | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.80 | | | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.35 | | | 16.3 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.42 | | | | | |
| 100 | QPSK | 1 | 1 | 15.85 | | | | | |
| 100 | QPSK | 1 | 137 | 15.81 | | | 16.3 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.74 | | | | | |
| 100 | QPSK | 135 | 0 | 15.60 | | | 16.3 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.61 | | | 16.3 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.50 | | | 16.3 | 0.0 | |
| 100 | QPSK | 270 | 0 | 15.60 | | | | | |
| 100 | 16QAM | 1 | 1 | 15.72 | | | 16.3 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.82 | | | 16.3 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.73 | | | 16.3 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 16.3 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.44 | 15.52 | 15.43 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 16.3 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.51 | 15.51 | 15.57 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 16.3 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.49 | 15.43 | 15.54 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 16.3 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.48 | 15.44 | 15.44 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 16.3 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.47 | 15.47 | 15.40 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 16.3 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.33 | 15.42 | 15.50 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 16.3 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.47 | 15.50 | 15.44 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 16.3 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.48 | 15.49 | 15.51 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 16.3 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.52 | 15.49 | 15.40 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 16.3 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.48 | 15.52 | 15.39 | | | |



| Part27O n78 PC3 Ant7 DSI1 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.46 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.54 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.45 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.49 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.55 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.44 | | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | | |
| 100 | QPSK | 1 | 137 | 14.41 | | | 15.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.54 | | | | | |
| 100 | QPSK | 135 | 0 | 14.49 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.59 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.52 | | | 15.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.54 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.55 | | | 15.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.43 | | | 15.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.35 | | | 15.2 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 15.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.47 | 14.50 | 14.47 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 15.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.40 | 14.58 | 14.42 | | | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 15.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.55 | 14.39 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 15.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.43 | 14.56 | 14.45 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 15.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 15.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.52 | 14.59 | 14.43 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 15.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 15.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.45 | 14.61 | 14.48 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 15.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.50 | 14.53 | 14.46 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 15.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.44 | 14.61 | 14.40 | | | |

| Part27Q n78 PC3 Ant7 DSI1 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 1 | 14.50 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.58 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.53 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.71 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.64 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.58 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.58 | | | | | |
| 100 | QPSK | 1 | 1 | 14.74 | | | | | |
| 100 | QPSK | 1 | 137 | 14.66 | | | 15.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.61 | | | | | |
| 100 | QPSK | 135 | 0 | 14.56 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.71 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.58 | | | 15.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.66 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.67 | | | 15.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.71 | | | 15.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.64 | | | 15.2 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 15.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.57 | 14.57 | 14.49 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 15.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.54 | 14.55 | 14.55 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 15.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.49 | 14.63 | 14.51 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 15.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.47 | 14.56 | 14.51 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 15.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.55 | 14.59 | 14.47 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 15.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.46 | 14.66 | 14.54 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 15.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.47 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 15.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.51 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 15.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.51 | 14.65 | 14.58 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 15.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.45 | 14.56 | 14.47 | | | |



| Part27O n78 PC2 Ant7 DSI1 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.46 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.54 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.45 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.49 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.55 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.44 | | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | | |
| 100 | QPSK | 1 | 137 | 14.41 | | | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.54 | | | | | |
| 100 | QPSK | 135 | 0 | 14.49 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.59 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.52 | | | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.54 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.55 | | | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.43 | | | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.35 | | | 16.0 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 16.0 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.47 | 14.50 | 14.47 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 16.0 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.40 | 14.58 | 14.42 | | | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 16.0 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.55 | 14.39 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 16.0 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.43 | 14.56 | 14.45 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 16.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.52 | 14.59 | 14.43 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 16.0 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.46 | 14.58 | 14.43 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 16.0 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.45 | 14.61 | 14.48 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 16.0 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.50 | 14.53 | 14.46 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 16.0 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.44 | 14.61 | 14.40 | | | |

| Part27Q n78 PC2 Ant7 DSI1 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.50 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.58 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.53 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.71 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.64 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.58 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.58 | | | | | |
| 100 | QPSK | 1 | 1 | 14.74 | | | | | |
| 100 | QPSK | 1 | 137 | 14.66 | | | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.61 | | | | | |
| 100 | QPSK | 135 | 0 | 14.56 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.71 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.58 | | | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.66 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.67 | | | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.71 | | | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.64 | | | 16.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 16.0 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.57 | 14.57 | 14.49 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 16.0 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.54 | 14.55 | 14.55 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 16.0 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.49 | 14.63 | 14.51 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 16.0 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.47 | 14.56 | 14.51 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 16.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.55 | 14.59 | 14.47 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.46 | 14.66 | 14.54 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 16.0 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.47 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 16.0 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.51 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 16.0 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.51 | 14.65 | 14.58 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 16.0 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.45 | 14.56 | 14.47 | | | |



| Part270 n77 Ant8 DS11 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.32 | 19.58 | 19.26 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.35 | 19.64 | 19.43 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.36 | 19.46 | 19.52 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.16 | 19.41 | 19.43 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.47 | 19.67 | 19.45 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.45 | 19.43 | 19.41 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.67 | 19.63 | 19.58 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.65 | 19.69 | 19.59 | | | |
| 100 | QPSK | 1 | 137 | 19.26 | 19.39 | 19.26 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.49 | 19.48 | 19.36 | | | |
| 100 | QPSK | 135 | 0 | 19.38 | 19.50 | 19.40 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.61 | 19.66 | 19.63 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.28 | 19.43 | 19.58 | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.62 | 19.65 | 19.57 | | | |
| 100 | 16QAM | 1 | 1 | 19.51 | 19.50 | 19.29 | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.47 | 19.56 | 19.57 | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.35 | 19.44 | 19.51 | 21.0 | 0.0 | |
| Channel | | | | 646988 | 650000 | 662334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.63 | 19.58 | 19.46 | 21.0 | 0.0 | |
| Channel | | | | 646334 | 650000 | 662668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.55 | 19.60 | 19.61 | 21.0 | 0.0 | |
| Channel | | | | 646000 | 650000 | 663000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.63 | 19.58 | 19.58 | 21.0 | 0.0 | |
| Channel | | | | 646988 | 650000 | 663334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.46 | 19.62 | 19.53 | 21.0 | 0.0 | |
| Channel | | | | 646334 | 650000 | 663668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.43 | 19.67 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 646000 | 650000 | 664000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.59 | 19.62 | 19.52 | 21.0 | 0.0 | |
| Channel | | | | 647698 | 650000 | 664334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.49 | 19.48 | 19.59 | 21.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 664668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.61 | 19.66 | 19.53 | 21.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 664834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.45 | 19.59 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 665000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.53 | 19.64 | 19.61 | 21.0 | 0.0 | |

| Part27Q n77 Ant8 DS11 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.64 | 19.64 | 19.64 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.49 | 19.49 | 19.49 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.49 | 19.49 | 19.49 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.25 | 19.25 | 19.25 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.52 | 19.52 | 19.52 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.38 | 19.38 | 19.38 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.45 | 19.45 | 19.45 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.66 | 19.66 | 19.66 | | | |
| 100 | QPSK | 1 | 137 | 19.52 | 19.52 | 19.52 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.39 | 19.39 | 19.39 | | | |
| 100 | QPSK | 135 | 0 | 19.59 | 19.59 | 19.59 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.65 | 19.65 | 19.65 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.60 | 19.60 | 19.60 | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.61 | 19.61 | 19.61 | | | |
| 100 | 16QAM | 1 | 1 | 19.33 | 19.33 | 19.33 | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.45 | 19.45 | 19.45 | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.50 | 19.50 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.63 | 19.58 | 19.41 | 21.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.64 | 19.52 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.47 | 19.56 | 19.58 | 21.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.49 | 19.63 | 19.47 | 21.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.64 | 19.63 | 19.54 | 21.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.53 | 19.52 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.64 | 19.64 | 19.41 | 21.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.61 | 19.54 | 19.56 | 21.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.52 | 19.60 | 19.60 | 21.0 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.50 | 19.63 | 19.49 | 21.0 | 0.0 | |



| Part270 n78 PC2&PC3 Ant8 DSH1 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.75 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.54 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.39 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.67 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.70 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.74 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.68 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.78 | | | | | |
| 100 | QPSK | 1 | 137 | 19.44 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.68 | | | | | |
| 100 | QPSK | 135 | 0 | 19.65 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.75 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.70 | | | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.73 | | | | | |
| 100 | 16QAM | 1 | 1 | 19.46 | | | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.72 | | | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.69 | | | 21.0 | 0.0 | |
| Channel | | | | 649688 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.70 | 19.61 | 19.68 | 21.0 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.71 | 19.67 | 19.65 | 21.0 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.71 | 19.75 | 19.80 | 21.0 | 0.0 | |
| Channel | | | | 648688 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.51 | 19.76 | 19.95 | 21.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.62 | 19.71 | 19.80 | 21.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.49 | 19.73 | 19.80 | 21.0 | 0.0 | |
| Channel | | | | 647688 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.65 | 19.61 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.62 | 19.67 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.51 | 19.71 | 19.49 | 21.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.71 | 19.68 | 19.61 | 21.0 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant8 DSH1 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.70 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.62 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.66 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.64 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.59 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.58 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.64 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.73 | | | | | |
| 100 | QPSK | 1 | 137 | 19.56 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.35 | | | | | |
| 100 | QPSK | 135 | 0 | 19.45 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.71 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.29 | | | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.66 | | | | | |
| 100 | 16QAM | 1 | 1 | 19.46 | | | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.38 | | | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.65 | | | 21.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.80 | 19.59 | 19.54 | 21.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.51 | 19.58 | 19.60 | 21.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.55 | 19.71 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.62 | 19.64 | 19.60 | 21.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.70 | 19.57 | 19.62 | 21.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.54 | 19.72 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.58 | 19.65 | 19.61 | 21.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.65 | 19.71 | 19.58 | 21.0 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.65 | 19.70 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.61 | 19.64 | 19.57 | 21.0 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 1_Main P/

| n7 Ant3 DSI1 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.34 | 20.50 | 20.34 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.27 | 20.36 | 20.25 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.14 | 20.26 | 20.18 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.34 | 20.28 | 20.19 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.24 | 20.36 | 20.36 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.09 | 20.13 | 20.10 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.21 | 20.30 | 20.15 | | |
| 40 | QPSK | 1 | 1 | 20.50 | 20.54 | 20.43 | 22.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.20 | 20.36 | 20.39 | | |
| 40 | QPSK | 1 | 214 | 20.14 | 20.18 | 20.10 | | |
| 40 | QPSK | 108 | 0 | 20.43 | 20.51 | 20.48 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.37 | 20.42 | 20.12 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.10 | 20.15 | 20.09 | 22.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.41 | 20.47 | 20.43 | | |
| 40 | 16QAM | 1 | 1 | 20.17 | 20.32 | 20.06 | 22.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.27 | 20.49 | 20.40 | 22.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.01 | 19.17 | 19.11 | 20.5 | 1.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.44 | 20.43 | 20.31 | 22.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.38 | 20.38 | 20.50 | 22.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.34 | 20.45 | 20.39 | 22.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.39 | 20.46 | 20.49 | 22.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.37 | 20.48 | 20.40 | 22.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.44 | 20.42 | 20.38 | 22.0 | 0.0 |



| n38 Ant3 DSI1 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.95 | 17.98 | 18.02 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 17.82 | 17.94 | 17.76 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.95 | 17.94 | 18.09 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.81 | 17.95 | 17.89 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 17.97 | 18.07 | 17.94 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 17.77 | 17.87 | 17.67 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 17.76 | 17.84 | 17.66 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 18.10 | 18.13 | 18.06 | | | |
| 40 | QPSK | 1 | 53 | 17.82 | 17.97 | 17.78 | | | |
| 40 | QPSK | 1 | 104 | 17.40 | 17.49 | 17.42 | 19.0 | 0.0 | |
| 40 | QPSK | 50 | 0 | 17.95 | 18.01 | 17.88 | | | |
| 40 | QPSK | 50 | 28 | 18.03 | 18.09 | 18.06 | | | |
| 40 | QPSK | 50 | 56 | 17.75 | 17.86 | 17.70 | 19.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 17.96 | 18.02 | 18.01 | | | |
| 40 | 16QAM | 1 | 1 | 17.92 | 17.92 | 17.83 | | | |
| 40 | 64QAM | 1 | 1 | 18.07 | 18.02 | 17.94 | 19.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 18.04 | 18.05 | 18.04 | 19.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 17.94 | 17.97 | 17.66 | 19.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 17.81 | 17.89 | 17.82 | 19.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 17.82 | 17.86 | 17.62 | 19.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 17.86 | 17.79 | 17.64 | 19.0 | 0.0 | |

| n41 Ant3 DSI1 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.27 | 20.35 | 20.35 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 20.30 | 20.09 | 20.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.12 | 20.31 | 20.35 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.14 | 20.24 | 20.14 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 20.22 | 20.23 | 20.06 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 20.23 | 20.35 | 20.27 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 20.36 | 20.25 | 20.26 | | | |
| 100 | QPSK | 1 | 1 | 20.37 | 20.45 | 20.42 | | | |
| 100 | QPSK | 1 | 137 | 20.16 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 20.25 | 20.24 | 20.23 | | | |
| 100 | QPSK | 135 | 0 | 20.05 | 20.34 | 20.33 | | | |
| 100 | QPSK | 135 | 69 | 20.32 | 20.38 | 20.30 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 20.11 | 20.17 | 20.01 | 22.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 20.31 | 20.33 | 20.29 | | | |
| 100 | 16QAM | 1 | 1 | 20.32 | 20.43 | 20.27 | | | |
| 100 | 64QAM | 1 | 1 | 20.19 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.91 | 19.03 | 18.90 | 20.5 | 1.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 20.05 | 20.22 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 20.08 | 20.22 | 20.08 | 22.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 20.08 | 20.09 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 20.05 | 20.11 | 20.12 | 22.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 20.09 | 20.11 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 20.07 | 20.18 | 20.05 | 22.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 20.10 | 20.16 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 20.03 | 20.15 | 20.13 | 22.0 | 0.0 | |

| Reduced Power Mode for 5G NR for DSI 1_Main PA | | | | | | | | |
|--|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 16.66 | 16.51 | 16.50 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 16.57 | 16.54 | 16.54 | | |
| 40 | PI/2 BPSK | 1 | 214 | 16.61 | 16.56 | 16.57 | | |
| 40 | PI/2 BPSK | 108 | 0 | 16.25 | 16.31 | 16.40 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 16.66 | 16.58 | 16.65 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 16.32 | 16.57 | 16.40 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 16.48 | 16.62 | 16.32 | | |
| 40 | QPSK | 1 | 1 | 16.69 | 16.77 | 16.72 | | |
| 40 | QPSK | 1 | 108 | 16.59 | 16.70 | 16.56 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 16.40 | 16.44 | 16.31 | | |
| 40 | QPSK | 108 | 0 | 16.50 | 16.46 | 16.25 | | |
| 40 | QPSK | 108 | 54 | 16.63 | 16.68 | 16.56 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 16.46 | 16.37 | 16.47 | 18.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 16.58 | 16.62 | 16.61 | | |
| 40 | 16QAM | 1 | 1 | 16.20 | 16.35 | 16.21 | | |
| 40 | 64QAM | 1 | 1 | 16.42 | 16.40 | 16.17 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.45 | 16.46 | 16.56 | 18.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 16.57 | 16.40 | 16.17 | 18.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 16.49 | 16.38 | 16.24 | 18.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 16.52 | 16.60 | 16.31 | 18.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 16.54 | 16.64 | 16.20 | 18.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 16.37 | 16.65 | 16.14 | 18.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 16.35 | 16.44 | 16.26 | 18.0 | 0.0 |



| n38 Ant4 DSI1 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.35 | 15.35 | 15.24 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 14.99 | 15.31 | 15.07 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.15 | 15.41 | 15.24 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 14.91 | 15.26 | 15.06 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 15.06 | 15.24 | 15.27 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 15.28 | 15.08 | 15.10 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 15.00 | 15.26 | 14.95 | | | |
| 40 | QPSK | 1 | 1 | 15.37 | 15.45 | 15.40 | | | |
| 40 | QPSK | 1 | 53 | 15.22 | 15.16 | 15.20 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 14.79 | 14.78 | 14.83 | | | |
| 40 | QPSK | 50 | 0 | 15.04 | 15.04 | 15.21 | | | |
| 40 | QPSK | 50 | 28 | 15.38 | 15.43 | 15.41 | 16.0 | 0.0 | |
| 40 | QPSK | 50 | 56 | 14.93 | 14.92 | 14.87 | 16.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 15.31 | 15.37 | 15.36 | | | |
| 40 | 16QAM | 1 | 1 | 15.39 | 15.36 | 15.21 | | | |
| 40 | 64QAM | 1 | 1 | 15.26 | 15.14 | 15.17 | 16.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 15.34 | 15.21 | 15.11 | 16.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 15.01 | 15.19 | 14.87 | 16.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 15.25 | 15.15 | 15.03 | 16.0 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 14.98 | 15.33 | 15.03 | 16.0 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 14.97 | 15.19 | 14.97 | 16.0 | 0.0 | |

| n41 Ant4 DSI1 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.01 | 16.16 | 16.11 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 16.00 | 16.09 | 15.99 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.11 | 16.13 | 15.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.75 | 15.85 | 15.91 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.09 | 16.04 | 16.04 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.79 | 16.09 | 16.05 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.86 | 16.09 | 15.72 | | | |
| 100 | QPSK | 1 | 1 | 16.31 | 16.33 | 16.27 | | | |
| 100 | QPSK | 1 | 137 | 15.77 | 15.97 | 15.83 | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.94 | 16.08 | 16.16 | | | |
| 100 | QPSK | 135 | 0 | 16.01 | 16.02 | 15.96 | | | |
| 100 | QPSK | 135 | 69 | 16.23 | 16.30 | 16.24 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.97 | 15.97 | 15.76 | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.27 | 16.29 | 16.19 | | | |
| 100 | 16QAM | 1 | 1 | 16.01 | 15.98 | 16.06 | | | |
| 100 | 64QAM | 1 | 1 | 15.88 | 16.09 | 16.02 | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.08 | 16.11 | 15.91 | 17.5 | 0.0 | |
| Channel | | | | 508200 | 518598 | 528998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 16.04 | 16.00 | 15.91 | 17.5 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 16.06 | 15.91 | 15.79 | 17.5 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 16.03 | 15.84 | 16.03 | 17.5 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 15.99 | 16.04 | 15.85 | 17.5 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 16.11 | 15.91 | 15.80 | 17.5 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 15.95 | 15.96 | 15.77 | 17.5 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 15.89 | 15.88 | 15.83 | 17.5 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 15.97 | 16.01 | 15.75 | 17.5 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 3

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|--------------|-------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low | Power Middle | Power High | Tune-up limit (dBm) | MPR (dB) | |
| | | | | Ch. J Freq. | Ch. J Freq. | Ch. J Freq. | | | |
| Channel | | | | 166800 | 167300 | 167800 | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.46 | 24.37 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 1 | 53 | 24.24 | 24.40 | 24.30 | | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.12 | 24.23 | 24.11 | | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.05 | 24.10 | 23.95 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 50 | 28 | 24.44 | 24.48 | 24.31 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 50 | 56 | 23.81 | 23.85 | 23.81 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 100 | 0 | 23.89 | 23.99 | 23.94 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.52 | | | |
| 20 | QPSK | 1 | 53 | 24.26 | 24.42 | 24.40 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 24.03 | 24.16 | 24.04 | | | |
| 20 | QPSK | 50 | 0 | 23.37 | 23.54 | 23.43 | | | |
| 20 | QPSK | 50 | 28 | 24.52 | 24.54 | 24.49 | 25.5 | 0.0 | |
| 20 | QPSK | 50 | 56 | 23.28 | 23.37 | 23.28 | 24.5 | 1.0 | |
| 20 | QPSK | 100 | 0 | 23.53 | 23.54 | 23.50 | | | |
| 20 | 16QAM | 1 | 1 | 23.35 | 23.44 | 23.40 | | | |
| 20 | 64QAM | 1 | 1 | 21.95 | 22.04 | 21.94 | 23.0 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 20.16 | 20.30 | 20.26 | 21.0 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 24.42 | 24.46 | 24.43 | 25.5 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.54 | 24.47 | 25.5 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) | |
| 5 | QPSK | 1 | 1 | 24.51 | 24.45 | 24.37 | 25.5 | 0.0 | |



| n5 Ant1 Default | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 166800 | 167300 | 167800 | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.40 | 24.47 | 24.40 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 24.28 | 24.42 | 24.38 | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.09 | 24.24 | 24.11 | | |
| 20 | PI/2 BPSK | 50 | 0 | 23.93 | 24.05 | 23.98 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 50 | 28 | 24.37 | 24.46 | 24.43 | 25.7 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 23.76 | 23.92 | 23.81 | 25.2 | 0.5 |
| 20 | PI/2 BPSK | 100 | 0 | 23.86 | 23.99 | 23.92 | | |
| 20 | QPSK | 1 | 1 | 24.46 | 24.58 | 24.42 | 25.7 | 0.0 |
| 20 | QPSK | 1 | 53 | 24.37 | 24.42 | 24.29 | | |
| 20 | QPSK | 1 | 104 | 24.17 | 24.22 | 24.14 | | |
| 20 | QPSK | 50 | 0 | 23.47 | 23.59 | 23.47 | 24.7 | 1.0 |
| 20 | QPSK | 50 | 28 | 24.53 | 24.55 | 24.51 | 25.7 | 0.0 |
| 20 | QPSK | 50 | 56 | 23.39 | 23.44 | 23.33 | 24.7 | 1.0 |
| 20 | QPSK | 100 | 0 | 23.51 | 23.53 | 23.48 | | |
| 20 | 16QAM | 1 | 1 | 23.33 | 23.45 | 23.38 | 24.7 | 1.0 |
| 20 | 64QAM | 1 | 1 | 22.24 | 22.38 | 22.27 | 23.2 | 2.5 |
| 20 | 256QAM | 1 | 1 | 20.10 | 20.26 | 20.10 | 21.2 | 4.5 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 24.34 | 24.50 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 165900 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 24.30 | 24.43 | 24.36 | 25.7 | 0.0 |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 24.42 | 24.50 | 24.38 | 25.7 | 0.0 |

| n7 Ant2 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.06 | 21.07 | 21.05 | | |
| 40 | PI/2 BPSK | 1 | 108 | 21.00 | 21.03 | 20.85 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.88 | 20.92 | 20.88 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.95 | 20.95 | 20.84 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.95 | 21.03 | 20.80 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.77 | 20.98 | 20.89 | 21.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 21.06 | 21.09 | 20.81 | | |
| 40 | QPSK | 1 | 1 | 21.14 | 21.18 | 21.08 | | |
| 40 | QPSK | 1 | 108 | 21.02 | 21.05 | 20.98 | 21.7 | 0.0 |
| 40 | QPSK | 1 | 214 | 21.05 | 20.89 | 20.80 | | |
| 40 | QPSK | 108 | 0 | 20.81 | 20.90 | 20.79 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 21.09 | 21.14 | 20.11 | 21.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.87 | 20.89 | 20.88 | 21.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 21.04 | 21.07 | 21.01 | | |
| 40 | 16QAM | 1 | 1 | 20.91 | 21.04 | 20.82 | 21.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 20.75 | 20.99 | 20.94 | 21.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.96 | 20.72 | 20.69 | 21.2 | 0.5 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 21.15 | 21.15 | 20.88 | 21.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.95 | 21.05 | 20.94 | 21.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.94 | 21.09 | 20.99 | 21.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.98 | 20.99 | 21.01 | 21.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 21.07 | 21.11 | 20.96 | 21.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 21.14 | 21.01 | 20.91 | 21.7 | 0.0 |



| n38 Ant2 DS13 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.48 | 21.64 | 21.50 | | |
| 40 | PI/2 BPSK | 1 | 53 | 21.52 | 21.54 | 21.51 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 21.46 | 21.48 | 21.35 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.31 | 21.31 | 21.21 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.43 | 21.55 | 21.52 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.21 | 21.20 | 21.14 | 22.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.32 | 21.20 | 21.28 | | |
| 40 | QPSK | 1 | 1 | 21.59 | 21.65 | 21.55 | | |
| 40 | QPSK | 1 | 53 | 21.44 | 21.57 | 21.38 | 22.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 21.20 | 21.29 | 21.33 | | |
| 40 | QPSK | 50 | 0 | 21.17 | 21.41 | 21.24 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.31 | 21.53 | 21.39 | 22.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 21.18 | 21.26 | 21.27 | 22.5 | 0.0 |
| 40 | QPSK | 100 | 0 | 21.27 | 21.31 | 21.07 | | |
| 40 | 16QAM | 1 | 1 | 21.08 | 21.29 | 21.19 | 22.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.45 | 21.62 | 21.52 | 22.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.04 | 20.07 | 20.23 | 21.0 | 1.5 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 22.5 | 0.0 |
| 30 | QPSK | 1 | 1 | 21.59 | 21.50 | 21.43 | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 21.40 | 21.57 | 21.39 | 22.5 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 21.43 | 21.40 | 21.54 | 22.5 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 21.37 | 21.61 | 21.37 | 22.5 | 0.0 |

| n41 Ant2 DS13 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 21.88 | 21.91 | 21.67 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.80 | 21.84 | 21.80 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 21.84 | 21.87 | 21.83 | | |
| 100 | PI/2 BPSK | 135 | 0 | 21.84 | 21.84 | 21.86 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.75 | 21.80 | 21.86 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.73 | 21.62 | 21.55 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.65 | 21.80 | 21.69 | | |
| 100 | QPSK | 1 | 1 | 21.97 | 22.02 | 22.00 | | |
| 100 | QPSK | 1 | 137 | 21.86 | 21.86 | 21.92 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.80 | 21.91 | 21.74 | | |
| 100 | QPSK | 135 | 0 | 21.84 | 21.72 | 21.87 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 21.96 | 22.01 | 21.95 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 21.79 | 21.66 | 21.86 | 22.7 | 0.0 |
| 100 | QPSK | 270 | 0 | 21.92 | 21.97 | 21.91 | | |
| 100 | 16QAM | 1 | 1 | 21.94 | 21.85 | 21.78 | 22.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.93 | 21.92 | 21.87 | 22.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.96 | 19.95 | 20.02 | 21.2 | 1.5 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.87 | 21.88 | 21.98 | 22.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.85 | 21.81 | 21.90 | 22.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 21.87 | 21.85 | 21.84 | 22.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.88 | 21.82 | 21.88 | 22.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.92 | 21.95 | 21.79 | 22.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 21.98 | 21.96 | 21.79 | 22.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 21.87 | 22.01 | 21.81 | 22.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 21.85 | 21.94 | 21.81 | 22.7 | 0.0 |

| n7 Ant3 DSI3-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.35 | 20.57 | 20.39 | | |
| 40 | PI/2 BPSK | 1 | 108 | 20.34 | 20.53 | 20.42 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.28 | 20.28 | 20.29 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.46 | 20.64 | 20.50 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.51 | 20.35 | 20.31 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.33 | 20.30 | 20.39 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.34 | 20.38 | 20.34 | | |
| 40 | QPSK | 1 | 1 | 20.56 | 20.65 | 20.57 | | |
| 40 | QPSK | 1 | 108 | 20.49 | 20.52 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.28 | 20.49 | 20.19 | | |
| 40 | QPSK | 108 | 0 | 20.45 | 20.41 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.54 | 20.58 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.37 | 20.49 | 20.42 | 22.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.34 | 20.35 | 20.30 | | |
| 40 | 16QAM | 1 | 1 | 20.54 | 20.44 | 20.42 | 22.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.50 | 20.51 | 20.36 | 22.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.44 | 19.65 | 19.59 | 21.0 | 1.0 |
| Channel | | | | 503000 | 507000 | 511000 | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.36 | 20.48 | 20.48 | 22.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | | |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.43 | 20.56 | 20.37 | 22.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.35 | 20.58 | 20.45 | 22.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.40 | 20.47 | 20.44 | 22.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.32 | 20.64 | 20.28 | 22.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.45 | 20.56 | 20.26 | 22.0 | 0.0 |



| n38 Ant3 DSI3-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 21.21 | 21.03 | 20.88 | | |
| 40 | PI/2 BPSK | 1 | 53 | 21.19 | 21.22 | 21.09 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 21.08 | 21.18 | 21.18 | | |
| 40 | PI/2 BPSK | 50 | 0 | 21.20 | 21.13 | 21.21 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 21.12 | 21.05 | 20.90 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 21.04 | 21.08 | 21.16 | 22.2 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 21.14 | 21.21 | 21.05 | | |
| 40 | QPSK | 1 | 1 | 21.35 | 21.39 | 21.30 | | |
| 40 | QPSK | 1 | 53 | 21.18 | 21.10 | 21.02 | 22.2 | 0.0 |
| 40 | QPSK | 1 | 104 | 21.14 | 21.02 | 21.13 | | |
| 40 | QPSK | 50 | 0 | 21.02 | 21.13 | 21.04 | 22.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 21.33 | 21.35 | 21.30 | 22.2 | 0.0 |
| 40 | QPSK | 50 | 56 | 20.73 | 20.72 | 20.61 | 22.2 | 0.0 |
| 40 | QPSK | 100 | 0 | 21.25 | 21.30 | 21.23 | | |
| 40 | 16QAM | 1 | 1 | 21.29 | 21.11 | 21.07 | 22.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 21.20 | 21.03 | 21.23 | 22.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.33 | 20.35 | 20.26 | 21.2 | 1.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 22.2 | 0.0 |
| 30 | QPSK | 1 | 1 | 21.15 | 21.21 | 21.18 | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 22.2 | 0.0 |
| 20 | QPSK | 1 | 1 | 21.35 | 21.33 | 21.24 | | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 22.2 | 0.0 |
| 15 | QPSK | 1 | 1 | 21.20 | 21.25 | 21.14 | | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 22.2 | 0.0 |
| 10 | QPSK | 1 | 1 | 21.23 | 21.30 | 21.09 | | |

| n41 Ant3 DSI3-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.06 | 22.03 | 21.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.89 | 21.90 | 22.03 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 22.03 | 22.18 | 22.04 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.07 | 22.20 | 21.91 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.92 | 22.01 | 21.95 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.75 | 22.03 | 21.83 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 21.83 | 22.06 | 22.06 | | |
| 100 | QPSK | 1 | 1 | 22.11 | 22.21 | 22.15 | | |
| 100 | QPSK | 1 | 137 | 21.95 | 21.93 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.91 | 22.15 | 21.97 | | |
| 100 | QPSK | 135 | 0 | 22.04 | 22.18 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.15 | 22.19 | 22.11 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.01 | 22.08 | 21.95 | 22.7 | 0.0 |
| 100 | QPSK | 270 | 0 | 22.05 | 22.12 | 22.09 | | |
| 100 | 16QAM | 1 | 1 | 22.19 | 22.15 | 22.10 | 22.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.65 | 21.89 | 21.66 | 22.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.66 | 20.90 | 20.66 | 21.2 | 1.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 22.7 | 0.0 |
| 90 | QPSK | 1 | 1 | 21.04 | 22.06 | 21.99 | | |
| Channel | | | | 507204 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 22.7 | 0.0 |
| 80 | QPSK | 1 | 1 | 21.98 | 22.06 | 21.81 | | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 22.7 | 0.0 |
| 70 | QPSK | 1 | 1 | 22.87 | 22.04 | 21.91 | | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 22.7 | 0.0 |
| 60 | QPSK | 1 | 1 | 21.99 | 22.11 | 21.92 | | |
| Channel | | | | 504204 | 518598 | 532996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 22.7 | 0.0 |
| 50 | QPSK | 1 | 1 | 21.94 | 22.12 | 21.80 | | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 22.7 | 0.0 |
| 40 | QPSK | 1 | 1 | 22.00 | 22.00 | 21.89 | | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 22.7 | 0.0 |
| 30 | QPSK | 1 | 1 | 22.16 | 21.95 | 21.87 | | |
| Channel | | | | 501204 | 518598 | 535996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 22.7 | 0.0 |
| 20 | QPSK | 1 | 1 | 22.04 | 21.94 | 21.79 | | |

| n7 Ant4 DS13-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 18.74 | 18.68 | 18.54 | | |
| 40 | PI/2 BPSK | 1 | 108 | 18.77 | 18.63 | 18.58 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 18.60 | 18.61 | 18.71 | | |
| 40 | PI/2 BPSK | 108 | 0 | 18.64 | 18.66 | 18.37 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.80 | 18.78 | 18.63 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 18.67 | 18.72 | 18.64 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.58 | 18.67 | 18.49 | | |
| 40 | QPSK | 1 | 1 | 18.80 | 18.87 | 18.83 | | |
| 40 | QPSK | 1 | 108 | 18.46 | 18.78 | 18.84 | 19.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 18.46 | 18.64 | 18.45 | | |
| 40 | QPSK | 108 | 0 | 18.54 | 18.52 | 18.65 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.80 | 18.83 | 18.78 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.59 | 18.72 | 18.51 | 19.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 18.74 | 18.78 | 18.73 | | |
| 40 | 16QAM | 1 | 1 | 18.30 | 18.51 | 18.29 | 19.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.61 | 18.53 | 18.57 | 19.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 18.43 | 18.68 | 18.74 | 19.5 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 18.67 | 18.83 | 18.70 | 19.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 18.77 | 18.85 | 18.81 | 19.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 18.77 | 18.73 | 18.80 | 19.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 18.81 | 18.70 | 18.62 | 19.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 18.80 | 18.68 | 18.79 | 19.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 18.69 | 18.85 | 18.81 | 19.5 | 0.0 |



| n38 Ant4 DS13-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.36 | 19.51 | 19.39 | | |
| 40 | PI/2 BPSK | 1 | 53 | 19.13 | 19.42 | 19.26 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 19.41 | 19.28 | 19.33 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.47 | 19.34 | 19.46 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.39 | 19.53 | 19.24 | 20.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.52 | 19.52 | 19.27 | | |
| 40 | PI/2 BPSK | 100 | 0 | 19.53 | 19.34 | 19.18 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 19.60 | 19.65 | 19.62 | | |
| 40 | QPSK | 1 | 53 | 19.50 | 19.42 | 19.34 | 20.5 | 0.0 |
| 40 | QPSK | 1 | 104 | 19.52 | 19.26 | 19.81 | | |
| 40 | QPSK | 50 | 0 | 19.22 | 19.38 | 19.30 | 20.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.58 | 19.63 | 19.60 | 20.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 19.16 | 19.36 | 19.26 | 20.5 | 0.0 |
| 40 | QPSK | 100 | 0 | 19.60 | 19.61 | 19.58 | | |
| 40 | 16QAM | 1 | 1 | 19.45 | 19.63 | 19.51 | 20.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.20 | 19.55 | 19.37 | 20.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.51 | 19.36 | 19.26 | 20.5 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 19.40 | 19.56 | 19.59 | 20.5 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.52 | 19.56 | 19.56 | 20.5 | 0.0 |
| Channel | | | | 515092 | 519000 | 522498 | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 19.57 | 19.45 | 19.49 | 20.5 | 0.0 |
| Channel | | | | 516094 | 519000 | 522996 | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 19.54 | 19.55 | 19.40 | 20.5 | 0.0 |

| n41 Ant4 DS13-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.40 | 19.49 | 19.36 | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.53 | 19.57 | 19.58 | 20.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 19.66 | 19.63 | 19.58 | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.34 | 19.48 | 19.14 | 20.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 19.59 | 19.59 | 19.41 | 20.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 19.34 | 19.37 | 19.29 | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.33 | 19.67 | 19.18 | 20.2 | 0.0 |
| 100 | QPSK | 1 | 1 | 19.55 | 19.69 | 19.62 | | |
| 100 | QPSK | 1 | 137 | 19.16 | 19.30 | 19.42 | 20.2 | 0.0 |
| 100 | QPSK | 1 | 271 | 19.45 | 19.48 | 19.57 | | |
| 100 | QPSK | 135 | 0 | 19.35 | 19.52 | 19.14 | 20.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 19.64 | 19.66 | 19.46 | 20.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 19.42 | 19.41 | 19.36 | | |
| 100 | QPSK | 270 | 0 | 19.57 | 19.63 | 19.52 | 20.2 | 0.0 |
| 100 | 16QAM | 1 | 1 | 19.60 | 19.58 | 19.53 | 20.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 19.62 | 19.59 | 19.62 | 20.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 19.54 | 19.62 | 19.61 | 20.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 19.36 | 19.56 | 19.53 | 20.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 19.49 | 19.66 | 19.57 | 20.2 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 19.50 | 19.48 | 19.44 | 20.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 19.34 | 19.60 | 19.44 | 20.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 19.43 | 19.51 | 19.44 | 20.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 19.51 | 19.52 | 19.48 | 20.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 19.47 | 19.62 | 19.56 | 20.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 19.48 | 19.56 | 19.57 | 20.2 | 0.0 |



| Part270 n77 Ant4 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.64 | 19.70 | 19.41 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.43 | 19.48 | 19.29 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.23 | 19.37 | 19.55 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.24 | 19.33 | 19.22 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.45 | 19.59 | 19.60 | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.36 | 19.37 | 19.46 | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.20 | 19.38 | 19.32 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.70 | 19.72 | 19.68 | | | |
| 100 | QPSK | 1 | 137 | 19.68 | 19.70 | 19.69 | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.45 | 19.70 | 19.58 | | | |
| 100 | QPSK | 135 | 0 | 19.29 | 19.66 | 19.16 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.68 | 19.70 | 19.68 | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.04 | 19.01 | 19.65 | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.64 | 19.68 | 19.62 | | | |
| 100 | 16QAM | 1 | 1 | 19.16 | 19.24 | 19.02 | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.30 | 19.25 | 19.48 | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.60 | 19.70 | 19.58 | 20.0 | 1.0 | |
| Channel | | | | 646968 | 650000 | 662334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.50 | 19.54 | 19.48 | 21.0 | 0.0 | |
| Channel | | | | 646334 | 650000 | 662668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.54 | 19.70 | 19.51 | 21.0 | 0.0 | |
| Channel | | | | 646000 | 650000 | 663000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.54 | 19.51 | 19.60 | 21.0 | 0.0 | |
| Channel | | | | 646868 | 650000 | 663334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.57 | 19.63 | 19.53 | 21.0 | 0.0 | |
| Channel | | | | 646334 | 650000 | 663668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.64 | 19.60 | 19.70 | 21.0 | 0.0 | |
| Channel | | | | 646000 | 650000 | 664000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.60 | 19.68 | 19.51 | 21.0 | 0.0 | |
| Channel | | | | 647698 | 650000 | 664334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.59 | 19.64 | 19.55 | 21.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 664668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.49 | 19.56 | 19.48 | 21.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 664834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.58 | 19.60 | 19.50 | 21.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 665000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.68 | 19.52 | 19.47 | 21.0 | 0.0 | |

| Part27Q n77 Ant4 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.72 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.73 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 19.65 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.63 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 19.67 | | | 21.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 19.52 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.59 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 19.76 | | | | | |
| 100 | QPSK | 1 | 137 | 19.53 | | | 21.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 19.49 | | | | | |
| 100 | QPSK | 135 | 0 | 19.62 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 19.74 | | | 21.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 19.55 | | | 21.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 19.69 | | | | | |
| 100 | 16QAM | 1 | 1 | 19.48 | | | 21.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 19.49 | | | 21.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 19.70 | | | 20.0 | 1.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 19.58 | 19.73 | 19.74 | 21.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 19.61 | 19.62 | 19.68 | 21.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 19.58 | 19.71 | 19.63 | 21.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 19.58 | 19.65 | 19.72 | 21.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 19.71 | 19.69 | 19.58 | 21.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 19.74 | 19.74 | 19.60 | 21.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 19.64 | 19.70 | 19.66 | 21.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 19.73 | 19.63 | 19.73 | 21.0 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 19.67 | 19.74 | 19.61 | 21.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 19.63 | 19.66 | 19.60 | 21.0 | 0.0 | |



| Part270 n78 PC2&PC3 Ant4 DSI3 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.60 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.74 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.72 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.77 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.70 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.61 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.68 | | | | | |
| 100 | QPSK | 1 | 1 | 17.79 | | | | | |
| 100 | QPSK | 1 | 137 | 17.67 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.64 | | | | | |
| 100 | QPSK | 135 | 0 | 17.76 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.56 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.59 | | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.71 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.69 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.57 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.63 | | | 19.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 17.70 | 17.61 | 17.53 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 17.60 | 17.67 | 17.57 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 17.85 | 17.69 | 17.52 | 19.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 17.51 | 17.77 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 17.54 | 17.63 | 17.60 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 17.70 | 17.76 | 17.67 | 19.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 17.65 | 17.61 | 17.61 | 19.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 17.71 | 17.66 | 17.59 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 17.61 | 17.68 | 17.54 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 17.64 | 17.66 | 17.71 | 19.5 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant4 DSI3 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 630000 | 633334 | 636668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.71 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.53 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.74 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.56 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.67 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.57 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.73 | | | | | |
| 100 | QPSK | 1 | 1 | 17.61 | | | | | |
| 100 | QPSK | 1 | 137 | 17.66 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.72 | | | | | |
| 100 | QPSK | 135 | 0 | 17.76 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.63 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.69 | | | 19.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.70 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.70 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.64 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.63 | | | 19.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 17.59 | 17.58 | 17.68 | 19.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 17.57 | 17.60 | 17.62 | 19.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 17.72 | 17.63 | 17.71 | 19.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 17.62 | 17.73 | 17.59 | 19.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 17.59 | 17.61 | 17.64 | 19.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 17.72 | 17.78 | 17.58 | 19.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 17.66 | 17.76 | 17.71 | 19.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 17.64 | 17.61 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 17.51 | 17.65 | 17.67 | 19.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 17.58 | 17.63 | 17.68 | 19.5 | 0.0 | |



| n7 Ant5 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.09 | 20.11 | 20.09 | | |
| 40 | PI/2 BPSK | 1 | 108 | 20.05 | 20.14 | 19.91 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.03 | 20.07 | 19.99 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.14 | 20.19 | 19.99 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.91 | 20.09 | 20.07 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.03 | 19.99 | 20.04 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.03 | 20.08 | 20.03 | | |
| 40 | QPSK | 1 | 1 | 20.21 | 20.23 | 20.19 | | |
| 40 | QPSK | 1 | 108 | 20.07 | 20.20 | 19.94 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.05 | 20.12 | 20.10 | | |
| 40 | QPSK | 108 | 0 | 20.09 | 20.01 | 20.03 | 20.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.15 | 20.22 | 20.13 | 20.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.13 | 20.07 | 19.94 | 20.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.16 | 20.20 | 20.19 | 20.7 | 0.0 |
| 40 | 16QAM | 1 | 1 | 20.02 | 20.12 | 20.01 | 20.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.77 | 20.06 | 19.87 | 20.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.99 | 20.23 | 20.04 | 20.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.96 | 20.07 | 19.85 | 20.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.99 | 20.10 | 19.86 | 20.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.00 | 20.13 | 19.99 | 20.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.98 | 20.10 | 19.98 | 20.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.99 | 20.02 | 19.86 | 20.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.96 | 20.12 | 19.82 | 20.7 | 0.0 |



| n38 Ant5 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.69 | 19.68 | 19.32 | | |
| 40 | PI/2 BPSK | 1 | 53 | 19.27 | 19.40 | 19.34 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 19.38 | 19.67 | 19.36 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.20 | 19.54 | 19.27 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.41 | 19.56 | 19.31 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.53 | 19.69 | 19.50 | | |
| 40 | PI/2 BPSK | 100 | 0 | 19.23 | 19.46 | 19.30 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 1 | 19.74 | 19.78 | 19.68 | | |
| 40 | QPSK | 1 | 53 | 19.55 | 19.34 | 19.21 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 19.36 | 19.56 | 19.62 | | |
| 40 | QPSK | 50 | 0 | 19.45 | 19.53 | 19.43 | 20.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.57 | 19.66 | 19.63 | 20.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 19.47 | 19.49 | 19.50 | 20.7 | 0.0 |
| 40 | QPSK | 100 | 0 | 19.51 | 19.64 | 19.63 | | |
| 40 | 16QAM | 1 | 1 | 19.43 | 19.58 | 19.48 | 20.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.17 | 19.52 | 19.43 | 20.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.67 | 19.63 | 19.65 | 20.7 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 19.50 | 19.50 | 19.54 | 20.7 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.62 | 19.51 | 19.53 | 20.7 | 0.0 |
| Channel | | | | 515092 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 19.54 | 19.56 | 19.70 | 20.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 19.50 | 19.52 | 19.68 | 20.7 | 0.0 |

| n41 Ant5 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.46 | 20.72 | 20.47 | | |
| 100 | PI/2 BPSK | 1 | 137 | 20.55 | 20.45 | 20.52 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 20.62 | 20.51 | 20.42 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.53 | 20.56 | 20.58 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.62 | 20.51 | 20.68 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.38 | 20.48 | 20.38 | | |
| 100 | PI/2 BPSK | 270 | 0 | 20.67 | 20.67 | 20.48 | 21.2 | 0.0 |
| 100 | QPSK | 1 | 1 | 20.67 | 20.74 | 20.69 | | |
| 100 | QPSK | 1 | 137 | 20.61 | 20.67 | 20.71 | 21.2 | 0.0 |
| 100 | QPSK | 1 | 271 | 20.56 | 20.54 | 20.49 | | |
| 100 | QPSK | 135 | 0 | 20.58 | 20.51 | 20.55 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.67 | 20.69 | 20.56 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.46 | 20.53 | 20.41 | | |
| 100 | QPSK | 270 | 0 | 20.56 | 20.64 | 20.62 | 21.2 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.67 | 20.55 | 20.64 | 21.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.64 | 20.51 | 20.55 | 21.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.73 | 20.55 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 20.39 | 20.52 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 20.52 | 20.51 | 20.58 | 21.2 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 20.44 | 20.59 | 20.52 | 21.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 20.39 | 20.45 | 20.62 | 21.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 20.50 | 20.39 | 20.49 | 21.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 20.40 | 20.51 | 20.63 | 21.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 20.52 | 20.47 | 20.59 | 21.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 20.34 | 20.41 | 20.63 | 21.2 | 0.0 |



| Part270 n77 Ant6 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.90 | 17.04 | 16.87 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.97 | 17.04 | 16.99 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.99 | 16.93 | 16.82 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.02 | 16.92 | 16.95 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | 17.08 | 16.97 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.85 | 16.93 | 16.82 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.91 | 17.06 | 16.81 | | | |
| 100 | QPSK | 1 | 1 | 17.04 | 17.11 | 17.03 | | | |
| 100 | QPSK | 1 | 137 | 16.91 | 16.95 | 16.89 | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.94 | 16.94 | 16.75 | | | |
| 100 | QPSK | 135 | 0 | 16.84 | 16.87 | 16.97 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | 17.03 | 16.90 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.90 | 16.80 | 16.86 | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.96 | 17.00 | 16.91 | | | |
| 100 | 16QAM | 1 | 1 | 16.89 | 16.89 | 16.93 | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.03 | 17.02 | 17.10 | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.89 | 16.96 | 16.83 | 18.5 | 0.0 | |
| Channel | | | | 646968 | 656000 | 662334 | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | Tune-up limit (dBm) | MPR (dB) | |
| 90 | QPSK | 1 | 1 | 16.70 | 16.96 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 662668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | Tune-up limit (dBm) | MPR (dB) | |
| 80 | QPSK | 1 | 1 | 16.70 | 16.97 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 663000 | | | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | Tune-up limit (dBm) | MPR (dB) | |
| 70 | QPSK | 1 | 1 | 16.75 | 16.90 | 16.69 | 18.5 | 0.0 | |
| Channel | | | | 646698 | 656000 | 663334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | Tune-up limit (dBm) | MPR (dB) | |
| 60 | QPSK | 1 | 1 | 16.70 | 17.04 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 663668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | Tune-up limit (dBm) | MPR (dB) | |
| 50 | QPSK | 1 | 1 | 16.70 | 16.84 | 16.80 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 664000 | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | Tune-up limit (dBm) | MPR (dB) | |
| 40 | QPSK | 1 | 1 | 16.64 | 17.00 | 16.71 | 18.5 | 0.0 | |
| Channel | | | | 647698 | 656000 | 664334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | Tune-up limit (dBm) | MPR (dB) | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.82 | 16.82 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | Tune-up limit (dBm) | MPR (dB) | |
| 20 | QPSK | 1 | 1 | 16.77 | 16.84 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | | | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | Tune-up limit (dBm) | MPR (dB) | |
| 15 | QPSK | 1 | 1 | 16.75 | 17.02 | 16.89 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | Tune-up limit (dBm) | MPR (dB) | |
| 10 | QPSK | 1 | 1 | 16.70 | 16.81 | 16.73 | 18.5 | 0.0 | |

| Part27Q n77 Ant6 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.59 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.42 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.36 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.48 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.55 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.47 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.53 | | | | | |
| 100 | QPSK | 1 | 1 | 17.76 | | | | | |
| 100 | QPSK | 1 | 137 | 17.58 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.63 | | | | | |
| 100 | QPSK | 135 | 0 | 17.51 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.71 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.39 | | | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.63 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.59 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.55 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.43 | | | 18.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | Tune-up limit (dBm) | MPR (dB) | |
| 90 | QPSK | 1 | 1 | 17.67 | 17.52 | 17.59 | 18.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | Tune-up limit (dBm) | MPR (dB) | |
| 80 | QPSK | 1 | 1 | 17.47 | 17.63 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | Tune-up limit (dBm) | MPR (dB) | |
| 70 | QPSK | 1 | 1 | 17.58 | 17.61 | 17.38 | 18.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | Tune-up limit (dBm) | MPR (dB) | |
| 60 | QPSK | 1 | 1 | 17.50 | 17.60 | 17.45 | 18.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | Tune-up limit (dBm) | MPR (dB) | |
| 50 | QPSK | 1 | 1 | 17.63 | 17.55 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | Tune-up limit (dBm) | MPR (dB) | |
| 40 | QPSK | 1 | 1 | 17.62 | 17.66 | 17.67 | 18.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | Tune-up limit (dBm) | MPR (dB) | |
| 30 | QPSK | 1 | 1 | 17.61 | 17.70 | 17.62 | 18.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | Tune-up limit (dBm) | MPR (dB) | |
| 20 | QPSK | 1 | 1 | 17.68 | 17.75 | 17.48 | 18.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | Tune-up limit (dBm) | MPR (dB) | |
| 15 | QPSK | 1 | 1 | 17.63 | 17.74 | 17.48 | 18.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | Tune-up limit (dBm) | MPR (dB) | |
| 10 | QPSK | 1 | 1 | 17.75 | 17.70 | 17.58 | 18.5 | 0.0 | |



| Part270 n78 PC3 Ant6 DSI3 | | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 650000 | 650000 | 650000 | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 18.79 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 18.76 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.76 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 18.83 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 18.77 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 18.79 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 18.81 | | 20.2 | 0.0 | | |
| 100 | QPSK | 1 | 1 | | 18.88 | | | | | |
| 100 | QPSK | 1 | 137 | | 18.76 | | 20.2 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 18.79 | | | | | |
| 100 | QPSK | 135 | 0 | | 18.71 | | 20.2 | 0.0 | | |
| 100 | QPSK | 135 | 69 | | 18.86 | | 20.2 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 18.78 | | | | | |
| 100 | QPSK | 270 | 0 | | 18.79 | | 20.2 | 0.0 | | |
| 100 | 16QAM | 1 | 1 | | 18.83 | | 20.2 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | | 18.82 | | 20.2 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | | 18.80 | | 20.2 | 0.0 | | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 18.82 | 18.82 | 18.74 | 20.2 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 18.80 | 18.81 | 18.75 | 20.2 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 18.81 | 18.80 | 18.75 | 20.2 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 18.79 | 18.85 | 18.74 | 20.2 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 18.78 | 18.81 | 18.82 | 20.2 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 18.82 | 18.72 | 18.82 | 20.2 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 18.71 | 18.87 | 18.71 | 20.2 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 18.75 | 18.79 | 18.75 | 20.2 | 0.0 | |
| Channel | | | | 647000 | 650000 | 652834 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 18.71 | 18.83 | 18.75 | 20.2 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 18.71 | 18.79 | 18.73 | 20.2 | 0.0 | |

| Part27Q n78 PC3 Ant6 DSI3 | | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633000 | 633334 | 633668 | | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 19.14 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 19.00 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 18.85 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 19.22 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 19.00 | | 20.2 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 19.00 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | | 19.07 | | 20.2 | 0.0 | | |
| 100 | QPSK | 1 | 1 | | 19.36 | | | | | |
| 100 | QPSK | 1 | 137 | | 19.28 | | 20.2 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 19.10 | | | | | |
| 100 | QPSK | 135 | 0 | | 19.35 | | 20.2 | 0.0 | | |
| 100 | QPSK | 135 | 69 | | 19.24 | | 20.2 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 19.11 | | | | | |
| 100 | QPSK | 270 | 0 | | 19.32 | | 20.2 | 0.0 | | |
| 100 | 16QAM | 1 | 1 | | 19.15 | | 20.2 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | | 19.00 | | 20.2 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | | 19.11 | | 20.2 | 0.0 | | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 19.11 | 19.17 | 19.10 | 20.2 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 19.23 | 19.20 | 19.27 | 20.2 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 19.25 | 19.30 | 19.13 | 20.2 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 19.11 | 19.18 | 19.11 | 20.2 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 19.09 | 19.20 | 19.13 | 20.2 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 19.29 | 19.23 | 19.14 | 20.2 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 19.19 | 19.13 | 19.19 | 20.2 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 19.09 | 19.17 | 19.08 | 20.2 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636168 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 19.09 | 19.13 | 19.13 | 20.2 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 19.13 | 19.17 | 19.21 | 20.2 | 0.0 | |



| Part270 n78 PC2 Ant6 DS13 | | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 650000 | 650000 | 650000 | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.79 | 18.79 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.76 | 18.76 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.76 | 18.76 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.83 | 18.83 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | 18.77 | 18.77 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | 18.79 | 18.79 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 18.81 | 18.81 | | 20.5 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 18.88 | 18.88 | | | | | |
| 100 | QPSK | 1 | 137 | 18.76 | 18.76 | | 20.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 18.79 | 18.79 | | | | | |
| 100 | QPSK | 135 | 0 | 18.71 | 18.71 | | 20.5 | 0.0 | | |
| 100 | QPSK | 135 | 69 | 18.86 | 18.86 | | 20.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 18.78 | 18.78 | | | | | |
| 100 | QPSK | 270 | 0 | 18.79 | 18.79 | | 20.5 | 0.0 | | |
| 100 | 16QAM | 1 | 1 | 18.83 | 18.83 | | 20.5 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | 18.82 | 18.82 | | 20.5 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | 18.80 | 18.80 | | 20.5 | 0.0 | | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | 18.82 | 18.82 | 18.74 | 20.5 | 0.0 | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | 18.80 | 18.81 | 18.75 | 20.5 | 0.0 | | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | 18.81 | 18.80 | 18.75 | 20.5 | 0.0 | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | 18.79 | 18.85 | 18.74 | 20.5 | 0.0 | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | 18.78 | 18.81 | 18.82 | 20.5 | 0.0 | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | 18.82 | 18.72 | 18.82 | 20.5 | 0.0 | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | 18.71 | 18.87 | 18.71 | 20.5 | 0.0 | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | 18.75 | 18.79 | 18.75 | 20.5 | 0.0 | | |
| Channel | | | | 647000 | 650000 | 652834 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | 18.71 | 18.83 | 18.75 | 20.5 | 0.0 | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | 18.71 | 18.79 | 18.73 | 20.5 | 0.0 | | |

| Part27Q n78 PC2 Ant6 DS13 | | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633000 | 633334 | 633668 | | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 19.14 | 19.14 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 137 | 19.00 | 19.00 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 18.85 | 18.85 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 19.22 | 19.22 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | 19.00 | 19.00 | | 20.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | 19.00 | 19.00 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 19.07 | 19.07 | | 20.5 | 0.0 | | |
| 100 | QPSK | 1 | 1 | 19.36 | 19.36 | | | | | |
| 100 | QPSK | 1 | 137 | 19.28 | 19.28 | | 20.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | 19.10 | 19.10 | | | | | |
| 100 | QPSK | 135 | 0 | 19.35 | 19.35 | | 20.5 | 0.0 | | |
| 100 | QPSK | 135 | 69 | 19.24 | 19.24 | | 20.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | 19.11 | 19.11 | | | | | |
| 100 | QPSK | 270 | 0 | 19.32 | 19.32 | | 20.5 | 0.0 | | |
| 100 | 16QAM | 1 | 1 | 19.15 | 19.15 | | 20.5 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | 19.00 | 19.00 | | 20.5 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | 19.11 | 19.11 | | 20.5 | 0.0 | | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3495.02 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | 19.11 | 19.17 | 19.10 | 20.5 | 0.0 | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | 19.23 | 19.20 | 19.27 | 20.5 | 0.0 | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | 19.25 | 19.30 | 19.13 | 20.5 | 0.0 | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | 19.11 | 19.18 | 19.11 | 20.5 | 0.0 | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | 19.09 | 19.20 | 19.13 | 20.5 | 0.0 | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | 19.29 | 19.23 | 19.14 | 20.5 | 0.0 | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | 19.19 | 19.13 | 19.19 | 20.5 | 0.0 | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | 19.09 | 19.17 | 19.08 | 20.5 | 0.0 | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | 19.09 | 19.13 | 19.13 | 20.5 | 0.0 | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | 19.13 | 19.17 | 19.21 | 20.5 | 0.0 | | |



| Part270 n77 Ant7 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.03 | 18.16 | 18.10 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.05 | 18.16 | 18.04 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 18.23 | 18.11 | 18.08 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.98 | 18.01 | 18.16 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.07 | 18.15 | 18.21 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | 17.97 | 17.84 | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 18.08 | 18.24 | 18.09 | | | |
| 100 | QPSK | 1 | 1 | 18.24 | 18.20 | 18.19 | | | |
| 100 | QPSK | 1 | 137 | 17.96 | 18.04 | 18.04 | 18.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.91 | 18.08 | 18.08 | | | |
| 100 | QPSK | 135 | 0 | 17.90 | 18.01 | 17.94 | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.21 | 18.25 | 18.19 | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.04 | 18.22 | 18.01 | | | |
| 100 | QPSK | 270 | 0 | 18.15 | 18.21 | 18.17 | 18.7 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.03 | 18.04 | 17.91 | 18.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 18.15 | 18.22 | 18.17 | 18.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.26 | 18.25 | 18.21 | 18.7 | 0.0 | |
| Channel | | | | 648688 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 17.71 | 18.12 | 17.75 | 18.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 662688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | | |
| 80 | QPSK | 1 | 1 | 17.70 | 18.18 | 17.82 | 18.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 17.81 | 18.01 | 17.82 | 18.7 | 0.0 | |
| Channel | | | | 648688 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 17.70 | 18.17 | 17.85 | 18.7 | 0.0 | |
| Channel | | | | 648334 | 656000 | 663688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 17.90 | 18.10 | 17.83 | 18.7 | 0.0 | |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 17.70 | 17.98 | 17.86 | 18.7 | 0.0 | |
| Channel | | | | 647688 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 17.77 | 17.96 | 17.75 | 18.7 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 17.79 | 18.06 | 17.92 | 18.7 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 17.75 | 18.06 | 17.87 | 18.7 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 17.88 | 18.07 | 17.74 | 18.7 | 0.0 | |

| Part27Q n77 Ant7 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 630000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.06 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.93 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.95 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.06 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.96 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.87 | | | 18.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 18.04 | | | | | |
| 100 | QPSK | 1 | 1 | 18.16 | | | | | |
| 100 | QPSK | 1 | 137 | 18.09 | | | 18.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.01 | | | | | |
| 100 | QPSK | 135 | 0 | 18.07 | | | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.11 | | | 18.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.94 | | | 18.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.09 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.93 | | | 18.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 18.03 | | | 18.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.92 | | | 18.7 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 17.78 | 18.04 | 17.95 | 18.7 | 0.0 | |
| Channel | | | | 632688 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 17.78 | 18.12 | 17.94 | 18.7 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 17.91 | 18.01 | 18.02 | 18.7 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 17.98 | 17.90 | 17.98 | 18.7 | 0.0 | |
| Channel | | | | 631688 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 17.92 | 18.09 | 18.08 | 18.7 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 18.01 | 17.96 | 17.99 | 18.7 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 17.92 | 18.12 | 18.08 | 18.7 | 0.0 | |
| Channel | | | | 630688 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 17.80 | 18.08 | 18.00 | 18.7 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 17.93 | 17.92 | 17.95 | 18.7 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 17.90 | 18.04 | 17.89 | 18.7 | 0.0 | |



| Part27O n78 PC3 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.82 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.88 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.93 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.78 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.88 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.75 | | | | | |
| 100 | QPSK | 1 | 1 | 16.95 | | | | | |
| 100 | QPSK | 1 | 137 | 16.84 | | | 17.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.86 | | | | | |
| 100 | QPSK | 135 | 0 | 16.75 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.74 | | | 17.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.89 | | | | | |
| 100 | 16QAM | 1 | 1 | 16.78 | | | 17.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.79 | | | 17.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.72 | | | 17.7 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 17.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.76 | 16.88 | 16.79 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 17.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.93 | 16.88 | 16.83 | | | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 17.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.87 | 16.91 | 16.85 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 17.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.77 | 16.78 | 16.82 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 17.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.75 | 16.94 | 16.91 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 17.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.94 | 16.85 | 16.85 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 17.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.76 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 17.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.93 | 16.92 | 16.76 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 17.7 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.85 | 16.91 | 16.75 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 17.7 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.89 | 16.95 | 16.82 | | | |

| Part27Q n78 PC3 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.07 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.10 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.08 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.15 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.19 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.07 | | | 17.7 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.13 | | | | | |
| 100 | QPSK | 1 | 1 | 17.23 | | | | | |
| 100 | QPSK | 1 | 137 | 17.18 | | | 17.7 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.19 | | | | | |
| 100 | QPSK | 135 | 0 | 17.18 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.19 | | | 17.7 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.02 | | | 17.7 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.11 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.08 | | | 17.7 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.13 | | | 17.7 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.17 | | | 17.7 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 17.7 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.93 | 17.10 | 17.03 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 17.7 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.92 | 17.06 | 16.95 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 17.7 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.08 | 17.01 | 16.95 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 17.7 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.88 | 17.15 | 17.01 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 17.7 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.91 | 17.11 | 16.98 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 17.7 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.97 | 17.05 | 17.08 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 17.7 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.97 | 17.10 | 16.93 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 17.7 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.89 | 16.97 | 16.99 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 17.7 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.84 | 17.10 | 17.04 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 17.7 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.90 | 16.98 | 16.85 | | | |



| Part27O n78 PC2 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.82 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.88 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.93 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 16.78 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.88 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.75 | | | | | |
| 100 | QPSK | 1 | 1 | 16.96 | | | | | |
| 100 | QPSK | 1 | 137 | 16.84 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.86 | | | | | |
| 100 | QPSK | 135 | 0 | 16.75 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.74 | | | | | |
| 100 | QPSK | 270 | 0 | 16.89 | | | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 16.78 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.79 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.72 | | | 18.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.76 | 16.88 | 16.79 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.93 | 16.88 | 16.83 | | | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.87 | 16.91 | 16.86 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.77 | 16.78 | 16.82 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.75 | 16.94 | 16.91 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.94 | 16.86 | 16.86 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.92 | 16.76 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.93 | 16.92 | 16.76 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.85 | 16.91 | 16.75 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.89 | 16.95 | 16.82 | | | |

| Part27Q n78 PC2 Ant7 DSI3 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3500.01 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 1 | 17.07 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.10 | | | | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.08 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.15 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.19 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.07 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.13 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 17.23 | | | | | |
| 100 | QPSK | 1 | 137 | 17.18 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.19 | | | | | |
| 100 | QPSK | 135 | 0 | 17.18 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.19 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.02 | | | | | |
| 100 | QPSK | 270 | 0 | 17.11 | | | 18.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.08 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.13 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.17 | | | 18.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 18.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.93 | 17.10 | 17.03 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 18.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.92 | 17.06 | 16.95 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 18.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.08 | 17.01 | 16.95 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 18.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.88 | 17.15 | 17.01 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 18.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.91 | 17.11 | 16.98 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 18.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.97 | 17.05 | 17.08 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 18.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.97 | 17.10 | 16.93 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 18.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.89 | 16.97 | 16.99 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 18.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.84 | 17.10 | 17.04 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 18.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.90 | 16.98 | 16.85 | | | |



| Part270 n77 Ant8 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.31 | 14.57 | 14.37 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.46 | 14.56 | 14.48 | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.44 | 14.57 | 14.43 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.19 | 14.42 | 14.34 | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.37 | 14.65 | 14.45 | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.47 | 14.39 | 14.42 | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.66 | 14.63 | 14.52 | | | |
| 100 | QPSK | 1 | 1 | 14.61 | 14.68 | 14.56 | | | |
| 100 | QPSK | 1 | 137 | 14.37 | 14.43 | 14.29 | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.60 | 14.55 | 14.47 | | | |
| 100 | QPSK | 135 | 0 | 14.28 | 14.45 | 14.40 | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.60 | 14.65 | 14.59 | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.30 | 14.51 | 14.49 | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.57 | 14.61 | 14.59 | | | |
| 100 | 16QAM | 1 | 1 | 14.51 | 14.46 | 14.27 | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.46 | 14.65 | 14.53 | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.46 | 14.39 | 14.56 | 16.0 | 0.0 | |
| Channel | | | | 646868 | 656000 | 662334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 14.36 | 14.46 | 14.43 | 16.0 | 0.0 | |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 14.45 | 14.55 | 14.33 | 16.0 | 0.0 | |
| Channel | | | | 646000 | 656000 | 663000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.53 | 14.35 | 16.0 | 0.0 | |
| Channel | | | | 646868 | 656000 | 663334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 14.32 | 14.44 | 14.42 | 16.0 | 0.0 | |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 14.35 | 14.38 | 14.50 | 16.0 | 0.0 | |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 14.30 | 14.39 | 14.36 | 16.0 | 0.0 | |
| Channel | | | | 647668 | 656000 | 664334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 14.37 | 14.49 | 14.38 | 16.0 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 14.46 | 14.46 | 14.36 | 16.0 | 0.0 | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 14.37 | 14.60 | 14.40 | 16.0 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 14.27 | 14.61 | 14.31 | 16.0 | 0.0 | |

| Part27Q n77 Ant8 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.55 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.53 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.48 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.34 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.63 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.36 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.47 | | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | | |
| 100 | QPSK | 1 | 137 | 14.56 | | | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.45 | | | | | |
| 100 | QPSK | 135 | 0 | 14.45 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.61 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.57 | | | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.55 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.28 | | | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.54 | | | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.59 | | | 16.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 14.24 | 14.47 | 14.35 | 16.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 14.27 | 14.39 | 14.50 | 16.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 14.23 | 14.44 | 14.37 | 16.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 14.38 | 14.44 | 14.37 | 16.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 14.27 | 14.43 | 14.31 | 16.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 14.27 | 14.37 | 14.50 | 16.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 14.39 | 14.53 | 14.33 | 16.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 14.38 | 14.31 | 14.47 | 16.0 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 14.20 | 14.39 | 14.40 | 16.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 14.20 | 14.43 | 14.31 | 16.0 | 0.0 | |



| Part27O n78 PC2&PC3 Ant8 DSI3 | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 650000 | 650000 | 650000 | | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.71 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 14.61 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.57 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.66 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 14.68 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 14.72 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 270 | 0 | | 14.59 | | | | | |
| 100 | QPSK | 1 | 1 | | 14.77 | | | | | |
| 100 | QPSK | 1 | 137 | | 14.63 | | 15.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 14.70 | | | | | |
| 100 | QPSK | 135 | 0 | | 14.57 | | 15.5 | 0.0 | | |
| 100 | QPSK | 135 | 69 | | 14.74 | | 15.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 14.48 | | 15.5 | 0.0 | | |
| 100 | QPSK | 270 | 0 | | 14.71 | | | | | |
| 100 | 16QAM | 1 | 1 | | 14.64 | | 15.5 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | | 14.75 | | 15.5 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | | 14.71 | | 15.5 | 0.0 | | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 14.53 | 14.76 | 14.74 | 15.5 | 0.0 | |
| Channel | | | | 649334 | 650000 | 650668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 14.73 | 14.69 | 14.52 | 15.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 14.85 | 14.60 | 14.53 | 15.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 14.52 | 14.75 | 14.72 | 15.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 14.63 | 14.74 | 14.54 | 15.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 14.59 | 14.75 | 14.69 | 15.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 14.52 | 14.59 | 14.75 | 15.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 14.61 | 14.64 | 14.61 | 15.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3707.52 | 3750 | 3792.51 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 14.72 | 14.66 | 14.74 | 15.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 14.70 | 14.75 | 14.67 | 15.5 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant8 DSI3 | | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|-----|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | | |
| Channel | | | | 633000 | 633334 | 633668 | | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | | |
| 100 | PI/2 BPSK | 1 | 1 | | 14.55 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | | 14.59 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 1 | 271 | | 14.63 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | | 14.51 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 69 | | 14.32 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 135 | 138 | | 14.63 | | 15.5 | 0.0 | | |
| 100 | PI/2 BPSK | 270 | 0 | | 14.28 | | | | | |
| 100 | QPSK | 1 | 1 | | 14.69 | | | | | |
| 100 | QPSK | 1 | 137 | | 14.41 | | 15.5 | 0.0 | | |
| 100 | QPSK | 1 | 271 | | 14.43 | | | | | |
| 100 | QPSK | 135 | 0 | | 14.40 | | 15.5 | 0.0 | | |
| 100 | QPSK | 135 | 69 | | 14.65 | | 15.5 | 0.0 | | |
| 100 | QPSK | 135 | 138 | | 14.44 | | 15.5 | 0.0 | | |
| 100 | QPSK | 270 | 0 | | 14.62 | | | | | |
| 100 | 16QAM | 1 | 1 | | 14.53 | | 15.5 | 0.0 | | |
| 100 | 64QAM | 1 | 1 | | 14.49 | | 15.5 | 0.0 | | |
| 100 | 256QAM | 1 | 1 | | 14.60 | | 15.5 | 0.0 | | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | | |
| 90 | QPSK | 1 | 1 | | 14.62 | 14.50 | 14.57 | 15.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | | |
| 80 | QPSK | 1 | 1 | | 14.58 | 14.67 | 14.51 | 15.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | | |
| 70 | QPSK | 1 | 1 | | 14.56 | 14.68 | 14.47 | 15.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | | |
| 60 | QPSK | 1 | 1 | | 14.45 | 14.58 | 14.52 | 15.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | | |
| 50 | QPSK | 1 | 1 | | 14.43 | 14.54 | 14.43 | 15.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | | |
| 40 | QPSK | 1 | 1 | | 14.42 | 14.50 | 14.55 | 15.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | | |
| 30 | QPSK | 1 | 1 | | 14.43 | 14.53 | 14.61 | 15.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | | |
| 20 | QPSK | 1 | 1 | | 14.42 | 14.63 | 14.59 | 15.5 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | | |
| 15 | QPSK | 1 | 1 | | 14.43 | 14.54 | 14.62 | 15.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | | |
| 10 | QPSK | 1 | 1 | | 14.62 | 14.56 | 14.64 | 15.5 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 3_Main P/

| n7 Ant3 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 504000 | 507000 | 510000 | | |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.70 | 19.90 | 19.71 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 19.81 | 19.95 | 19.66 | | |
| 40 | PI/2 BPSK | 1 | 214 | 19.83 | 19.70 | 19.68 | | |
| 40 | PI/2 BPSK | 108 | 0 | 19.73 | 19.84 | 19.74 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.61 | 19.84 | 19.94 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 19.69 | 19.77 | 19.95 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 19.72 | 19.75 | 19.82 | | |
| 40 | QPSK | 1 | 1 | 20.03 | 20.06 | 20.01 | 21.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 19.75 | 19.87 | 19.89 | | |
| 40 | QPSK | 1 | 214 | 19.76 | 19.95 | 19.84 | | |
| 40 | QPSK | 108 | 0 | 19.92 | 19.98 | 19.94 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.75 | 19.83 | 19.73 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 19.91 | 19.66 | 19.84 | 21.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 19.95 | 19.97 | 19.96 | | |
| 40 | 16QAM | 1 | 1 | 19.60 | 19.81 | 19.64 | 21.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.66 | 19.96 | 19.84 | 21.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.01 | 19.17 | 19.11 | 20.5 | 1.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.82 | 19.88 | 19.86 | 21.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.85 | 19.76 | 19.89 | 21.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.67 | 20.00 | 19.77 | 21.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.89 | 19.83 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.78 | 19.90 | 19.84 | 21.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.79 | 19.97 | 19.91 | 21.5 | 0.0 |



| n38 Ant3 DSI3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.90 | 19.08 | 19.04 | | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.98 | 18.89 | 18.87 | 20.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 104 | 19.09 | 19.15 | 19.09 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.15 | 19.19 | 19.16 | 20.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 18.98 | 19.16 | 18.99 | 20.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 18.88 | 19.04 | 19.03 | 20.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 18.97 | 19.00 | 18.97 | | | |
| 40 | QPSK | 1 | 1 | 19.12 | 19.24 | 19.22 | | | |
| 40 | QPSK | 1 | 53 | 18.87 | 19.05 | 18.89 | 20.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 18.97 | 18.90 | 18.92 | | | |
| 40 | QPSK | 50 | 0 | 19.12 | 19.22 | 19.09 | 20.0 | 0.0 | |
| 40 | QPSK | 50 | 28 | 19.09 | 19.07 | 19.05 | 20.0 | 0.0 | |
| 40 | QPSK | 50 | 56 | 18.84 | 18.88 | 18.98 | | | |
| 40 | QPSK | 100 | 0 | 19.08 | 19.19 | 19.15 | 20.0 | 0.0 | |
| 40 | 16QAM | 1 | 1 | 19.10 | 19.14 | 19.09 | 20.0 | 0.0 | |
| 40 | 64QAM | 1 | 1 | 18.96 | 19.03 | 19.14 | 20.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 18.54 | 18.69 | 18.65 | 19.0 | 1.0 | |
| Channel | | | | 517002 | 519000 | 520998 | | | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 19.05 | 18.92 | 18.77 | 20.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | | | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 18.87 | 18.96 | 18.94 | 20.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | | | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 18.92 | 19.08 | 18.94 | 20.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | | | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 19.01 | 19.01 | 18.75 | 20.0 | 0.0 | |

| n41 Ant3 DSI3 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.27 | 20.35 | 20.35 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 20.30 | 20.09 | 20.15 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 20.12 | 20.31 | 20.35 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.14 | 20.24 | 20.14 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 20.22 | 20.23 | 20.06 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 20.23 | 20.35 | 20.27 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 20.36 | 20.25 | 20.26 | | | |
| 100 | QPSK | 1 | 1 | 20.37 | 20.45 | 20.42 | | | |
| 100 | QPSK | 1 | 137 | 20.16 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 20.25 | 20.24 | 20.23 | | | |
| 100 | QPSK | 135 | 0 | 20.05 | 20.34 | 20.33 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 20.32 | 20.38 | 20.30 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 20.11 | 20.17 | 20.01 | | | |
| 100 | QPSK | 270 | 0 | 20.31 | 20.33 | 20.29 | 22.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 20.32 | 20.43 | 20.27 | 22.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 20.19 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.91 | 19.03 | 18.90 | 20.0 | 2.0 | |
| Channel | | | | 508200 | 518598 | 528996 | | | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 20.05 | 20.22 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | | | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 20.08 | 20.22 | 20.08 | 22.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | | | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 20.08 | 20.09 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | | | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 20.05 | 20.11 | 20.12 | 22.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | | | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 20.09 | 20.11 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | | | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 20.07 | 20.18 | 20.05 | 22.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | | | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 20.10 | 20.16 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | | | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 20.03 | 20.15 | 20.13 | 22.0 | 0.0 | |



| Reduced Power Mode for 5G NR for DSI 3_Main PA | | | | | | | | |
|--|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 17.92 | 18.10 | 18.00 | | |
| 40 | PI/2 BPSK | 1 | 108 | 18.08 | 18.00 | 17.96 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 17.90 | 17.93 | 17.87 | | |
| 40 | PI/2 BPSK | 108 | 0 | 17.92 | 17.97 | 17.78 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 18.07 | 18.04 | 18.04 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 17.92 | 18.05 | 17.94 | 19.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 18.08 | 18.09 | 17.91 | | |
| 40 | QPSK | 1 | 1 | 18.10 | 18.14 | 18.03 | | |
| 40 | QPSK | 1 | 108 | 18.02 | 17.98 | 18.12 | 19.5 | 0.0 |
| 40 | QPSK | 1 | 214 | 17.81 | 17.95 | 17.86 | | |
| 40 | QPSK | 108 | 0 | 17.96 | 18.00 | 17.90 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 18.06 | 18.13 | 18.01 | 19.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 18.02 | 17.94 | 17.93 | | |
| 40 | QPSK | 216 | 0 | 18.05 | 18.09 | 18.02 | 19.5 | 0.0 |
| 40 | 16QAM | 1 | 1 | 17.66 | 17.81 | 17.69 | 19.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.79 | 18.03 | 17.76 | 19.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.67 | 17.95 | 17.86 | 19.5 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 17.99 | 17.88 | 17.62 | 19.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 17.83 | 17.82 | 17.49 | 19.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 17.96 | 17.83 | 17.59 | 19.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 17.85 | 18.01 | 17.67 | 19.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 17.94 | 17.85 | 17.58 | 19.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 17.98 | 17.96 | 17.61 | 19.5 | 0.0 |

| n38 Ant4 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.64 | 17.56 | 17.49 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 53 | 17.43 | 17.46 | 17.42 | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.62 | 17.55 | 17.50 | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.35 | 17.61 | 17.53 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 17.57 | 17.66 | 17.48 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.51 | 17.67 | 17.52 | 18.5 | 0.0 |
| 40 | PI/2 BPSK | 100 | 0 | 17.63 | 17.58 | 17.54 | 18.5 | 0.0 |
| 40 | QPSK | 1 | 1 | 17.66 | 17.74 | 17.71 | | |
| 40 | QPSK | 1 | 53 | 17.41 | 17.43 | 17.36 | | |
| 40 | QPSK | 1 | 104 | 17.52 | 17.33 | 17.55 | 18.5 | 0.0 |
| 40 | QPSK | 50 | 0 | 17.49 | 17.59 | 17.50 | 18.5 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.63 | 17.73 | 17.65 | 18.5 | 0.0 |
| 40 | QPSK | 50 | 56 | 17.43 | 17.54 | 17.35 | 18.5 | 0.0 |
| 40 | QPSK | 100 | 0 | 17.60 | 17.70 | 17.69 | | |
| 40 | 16QAM | 1 | 1 | 17.70 | 17.73 | 17.68 | | |
| 40 | 64QAM | 1 | 1 | 17.49 | 17.58 | 17.61 | 18.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 17.64 | 17.66 | 17.43 | 18.5 | 0.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 17.51 | 17.56 | 17.32 | 18.5 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 17.56 | 17.63 | 17.45 | 18.5 | 0.0 |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 17.53 | 17.66 | 17.40 | 18.5 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 17.50 | 17.59 | 17.41 | 18.5 | 0.0 |

| n41 Ant4 DSI3 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------|--------------------|------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power | Power | Power | Tune-up limit (dBm) | MPR (dB) |
| | | | | Low Ch. / Freq. | Middle Ch. / Freq. | High Ch. / Freq. | | |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.68 | 17.92 | 17.91 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 1 | 137 | 17.78 | 17.96 | 17.97 | | |
| 100 | PI/2 BPSK | 1 | 271 | 17.87 | 17.98 | 17.81 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.85 | 17.87 | 17.71 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.94 | 18.03 | 17.80 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.76 | 17.94 | 17.86 | 19.5 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 17.84 | 18.05 | 17.82 | | |
| 100 | QPSK | 1 | 1 | 18.03 | 18.13 | 18.09 | | |
| 100 | QPSK | 1 | 137 | 17.83 | 17.95 | 17.76 | 19.5 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.77 | 18.07 | 17.99 | 19.5 | 0.0 |
| 100 | QPSK | 135 | 0 | 17.83 | 17.89 | 17.80 | | |
| 100 | QPSK | 135 | 69 | 18.01 | 18.07 | 17.98 | | |
| 100 | QPSK | 135 | 138 | 17.75 | 17.89 | 17.82 | 19.5 | 0.0 |
| 100 | QPSK | 270 | 0 | 18.01 | 18.03 | 17.96 | | |
| 100 | 16QAM | 1 | 1 | 18.06 | 18.10 | 17.93 | | |
| 100 | 64QAM | 1 | 1 | 17.75 | 17.91 | 17.84 | 19.5 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.99 | 17.94 | 17.85 | 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 | 17.95 | 17.80 | 17.80 | 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 | 17.76 | 17.94 | 17.85 | 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 | 17.83 | 17.80 | 17.84 | 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 | 17.96 | 17.96 | 17.87 | 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 | 17.89 | 17.87 | 17.88 | 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 | 18.00 | 17.78 | 17.69 | 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 | 17.93 | 17.97 | 17.88 | 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 | 17.88 | 17.76 | 17.75 | 19.5 | 0.0 |



Reduced Power Mode for 5G NR for DSI 5

| n5 Ant0 Default | | | | | | | | | |
|-----------------|------------|---------|-----------|-------------|--------------|-------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low | Power Middle | Power High | Tune-up limit (dBm) | MPR (dB) | |
| | | | | Ch. J Freq. | Ch. J Freq. | Ch. J Freq. | | | |
| Channel | | | | 166800 | 167300 | 167800 | | | |
| Frequency (MHz) | | | | 834 | 836.5 | 839 | | | |
| 20 | PI/2 BPSK | 1 | 1 | 24.39 | 24.46 | 24.37 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 1 | 53 | 24.24 | 24.40 | 24.30 | | | |
| 20 | PI/2 BPSK | 1 | 104 | 24.12 | 24.23 | 24.11 | | | |
| 20 | PI/2 BPSK | 50 | 0 | 24.05 | 24.10 | 23.95 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 50 | 28 | 24.44 | 24.48 | 24.31 | 25.5 | 0.0 | |
| 20 | PI/2 BPSK | 50 | 56 | 23.81 | 23.85 | 23.81 | 25.0 | 0.5 | |
| 20 | PI/2 BPSK | 100 | 0 | 23.89 | 23.99 | 23.94 | | | |
| 20 | QPSK | 1 | 1 | 24.55 | 24.58 | 24.52 | | | |
| 20 | QPSK | 1 | 53 | 24.26 | 24.42 | 24.40 | 25.5 | 0.0 | |
| 20 | QPSK | 1 | 104 | 24.03 | 24.16 | 24.04 | | | |
| 20 | QPSK | 50 | 0 | 23.37 | 23.54 | 23.43 | | | |
| 20 | QPSK | 50 | 28 | 24.52 | 24.54 | 24.49 | 25.5 | 0.0 | |
| 20 | QPSK | 50 | 56 | 23.28 | 23.37 | 23.28 | 24.5 | 1.0 | |
| 20 | QPSK | 100 | 0 | 23.53 | 23.54 | 23.50 | | | |
| 20 | 16QAM | 1 | 1 | 23.35 | 23.44 | 23.40 | | | |
| 20 | 64QAM | 1 | 1 | 21.95 | 22.04 | 21.94 | 23.0 | 2.5 | |
| 20 | 256QAM | 1 | 1 | 20.16 | 20.30 | 20.26 | 21.0 | 4.5 | |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 24.42 | 24.46 | 24.43 | 25.5 | 0.0 | |
| Channel | | | | 165800 | 167300 | 168800 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 24.40 | 24.54 | 24.47 | 25.5 | 0.0 | |
| Channel | | | | 165300 | 167300 | 169300 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) | |
| 5 | QPSK | 1 | 1 | 24.51 | 24.45 | 24.37 | 25.5 | 0.0 | |



| n5 Ant1 DS15 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW (MHz) | 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 | 22.92 | 22.93 | 22.82 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 1 | 53 | 22.83 | 22.98 | 22.78 | | |
| 20 | PI/2 BPSK | 1 | 104 | 22.56 | 22.73 | 22.43 | | |
| 20 | PI/2 BPSK | 50 | 0 | 22.76 | 22.90 | 23.01 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 28 | 22.91 | 23.02 | 22.91 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 50 | 56 | 22.72 | 22.83 | 22.80 | 24.2 | 0.0 |
| 20 | PI/2 BPSK | 100 | 0 | 22.79 | 22.96 | 22.94 | | |
| 20 | QPSK | 1 | 1 | 22.89 | 23.08 | 22.84 | | |
| 20 | QPSK | 1 | 53 | 22.77 | 22.95 | 22.68 | 24.2 | 0.0 |
| 20 | QPSK | 1 | 104 | 22.70 | 22.63 | 22.48 | | |
| 20 | QPSK | 50 | 0 | 22.84 | 23.02 | 23.00 | | |
| 20 | QPSK | 50 | 28 | 22.97 | 23.04 | 22.96 | 24.2 | 0.0 |
| 20 | QPSK | 50 | 56 | 22.77 | 22.79 | 22.70 | 24.2 | 0.0 |
| 20 | QPSK | 100 | 0 | 22.87 | 22.94 | 22.86 | | |
| 20 | 16QAM | 1 | 1 | 22.67 | 22.82 | 22.77 | | |
| 20 | 64QAM | 1 | 1 | 22.24 | 22.38 | 22.27 | 23.2 | 1.0 |
| 20 | 256QAM | 1 | 1 | 20.10 | 20.26 | 20.10 | 21.2 | 3.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 831.5 | 836.5 | 841.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 22.73 | 23.03 | 22.76 | 24.2 | 0.0 |
| Channel | | | | 166800 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 839 | 836.5 | 844 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 22.79 | 22.96 | 22.75 | 24.2 | 0.0 |
| Channel | | | | 166300 | 167300 | 168300 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 22.80 | 22.91 | 22.93 | 24.2 | 0.0 |

| n7 Ant2 DSI5 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.47 | 20.59 | 20.42 | | |
| 40 | PI/2 BPSK | 1 | 108 | 20.30 | 20.54 | 20.49 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.50 | 20.49 | 20.30 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.33 | 20.46 | 20.33 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.34 | 20.52 | 20.36 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.24 | 20.38 | 20.34 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.51 | 20.38 | 20.33 | | |
| 40 | QPSK | 1 | 1 | 20.68 | 20.71 | 20.70 | | |
| 40 | QPSK | 1 | 108 | 20.42 | 20.46 | 20.46 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.30 | 20.42 | 20.39 | | |
| 40 | QPSK | 108 | 0 | 20.24 | 20.51 | 20.35 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.62 | 20.65 | 20.58 | 21.2 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.20 | 20.41 | 20.44 | 21.2 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.57 | 20.60 | 20.51 | | |
| 40 | 16QAM | 1 | 1 | 20.29 | 20.49 | 20.46 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.50 | 20.62 | 20.58 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.68 | 20.51 | 20.64 | 21.2 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.52 | 20.70 | 20.38 | 21.2 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.52 | 20.57 | 20.40 | 21.2 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.53 | 20.69 | 20.34 | 21.2 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.53 | 20.69 | 20.41 | 21.2 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.54 | 20.67 | 20.32 | 21.2 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.57 | 20.58 | 20.48 | 21.2 | 0.0 |



| n38 Ant2 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 18.96 | 19.02 | 18.80 | | |
| 40 | PI/2 BPSK | 1 | 53 | 18.78 | 18.88 | 18.76 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 18.73 | 18.98 | 18.33 | | |
| 40 | PI/2 BPSK | 50 | 0 | 18.76 | 18.85 | 18.60 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 18.76 | 18.77 | 18.96 | 20.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 18.70 | 18.80 | 18.70 | | |
| 40 | PI/2 BPSK | 100 | 0 | 18.80 | 18.89 | 18.70 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 19.01 | 19.11 | 19.05 | | |
| 40 | QPSK | 1 | 53 | 18.92 | 18.86 | 18.98 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 18.56 | 18.80 | 18.78 | | |
| 40 | QPSK | 50 | 0 | 18.89 | 18.91 | 18.93 | 20.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 18.95 | 19.02 | 18.97 | 20.0 | 0.0 |
| 40 | QPSK | 50 | 56 | 18.77 | 18.94 | 18.81 | 20.0 | 0.0 |
| 40 | QPSK | 100 | 0 | 18.94 | 18.98 | 18.96 | | |
| 40 | 16QAM | 1 | 1 | 18.57 | 18.70 | 18.66 | 20.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 18.91 | 18.93 | 19.01 | 20.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.01 | 18.88 | 19.04 | 20.0 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 20.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 19.04 | 18.88 | 18.92 | 20.0 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 19.02 | 19.00 | 18.98 | 20.0 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 20.0 | 0.0 |
| 15 | QPSK | 1 | 1 | 19.07 | 19.05 | 19.07 | 20.0 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 20.0 | 0.0 |
| 10 | QPSK | 1 | 1 | 18.93 | 18.96 | 19.03 | 20.0 | 0.0 |

| n41 Ant2 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.78 | 19.01 | 18.95 | | |
| 100 | PI/2 BPSK | 1 | 137 | 18.89 | 18.92 | 18.83 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 18.83 | 18.89 | 18.86 | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.81 | 18.84 | 18.70 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 18.90 | 18.92 | 18.78 | 19.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 18.70 | 18.88 | 18.74 | | |
| 100 | PI/2 BPSK | 270 | 0 | 18.79 | 18.78 | 18.53 | 19.7 | 0.0 |
| 100 | QPSK | 1 | 1 | 18.94 | 19.02 | 18.96 | | |
| 100 | QPSK | 1 | 137 | 18.90 | 18.85 | 18.81 | 19.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 18.88 | 18.91 | 18.90 | | |
| 100 | QPSK | 135 | 0 | 18.74 | 18.89 | 18.79 | 19.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 18.91 | 18.95 | 18.92 | 19.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 18.58 | 18.71 | 18.52 | | |
| 100 | QPSK | 270 | 0 | 18.88 | 18.91 | 18.84 | 19.7 | 0.0 |
| 100 | 16QAM | 1 | 1 | 18.65 | 18.80 | 18.67 | 19.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 18.90 | 18.91 | 18.92 | 19.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 18.90 | 18.94 | 19.00 | 19.7 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 20.0 | 0.0 |
| 90 | QPSK | 1 | 1 | 18.83 | 19.13 | 19.08 | 19.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 20.0 | 0.0 |
| 80 | QPSK | 1 | 1 | 18.80 | 18.92 | 19.05 | 19.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 20.0 | 0.0 |
| 70 | QPSK | 1 | 1 | 18.72 | 19.09 | 18.98 | 19.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 20.0 | 0.0 |
| 60 | QPSK | 1 | 1 | 18.73 | 18.98 | 19.01 | 19.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 20.0 | 0.0 |
| 50 | QPSK | 1 | 1 | 18.76 | 19.16 | 19.08 | 19.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 20.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 18.90 | 19.13 | 19.08 | 19.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 20.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 18.87 | 18.98 | 18.87 | 19.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 20.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 18.89 | 18.96 | 18.91 | 19.7 | 0.0 |

| n7 Ant3 DSIS-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.35 | 20.57 | 20.39 | | |
| 40 | PI/2 BPSK | 1 | 108 | 20.34 | 20.53 | 20.42 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 214 | 20.28 | 20.28 | 20.29 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.46 | 20.64 | 20.50 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 20.51 | 20.35 | 20.31 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.33 | 20.30 | 20.39 | 22.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.34 | 20.38 | 20.34 | | |
| 40 | QPSK | 1 | 1 | 20.56 | 20.65 | 20.57 | | |
| 40 | QPSK | 1 | 108 | 20.49 | 20.52 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 20.28 | 20.49 | 20.19 | | |
| 40 | QPSK | 108 | 0 | 20.45 | 20.41 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.54 | 20.58 | 20.49 | 22.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.37 | 20.49 | 20.42 | 22.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.34 | 20.35 | 20.30 | | |
| 40 | 16QAM | 1 | 1 | 20.54 | 20.44 | 20.42 | 22.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.50 | 20.51 | 20.36 | 22.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.44 | 19.65 | 19.59 | 21.0 | 1.0 |
| Channel | | | | 503000 | 507000 | 511000 | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 20.36 | 20.48 | 20.48 | 22.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | | |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 20.43 | 20.56 | 20.37 | 22.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 20.35 | 20.58 | 20.45 | 22.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | | |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 20.40 | 20.47 | 20.44 | 22.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 20.32 | 20.64 | 20.28 | 22.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | | |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 20.45 | 20.56 | 20.26 | 22.0 | 0.0 |



| n38 Ant3 DSIS-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 20.10 | 20.15 | 20.00 | | |
| 40 | PI/2 BPSK | 1 | 53 | 20.23 | 20.20 | 20.14 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 20.10 | 20.06 | 20.14 | | |
| 40 | PI/2 BPSK | 50 | 0 | 20.21 | 20.08 | 20.18 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 20.02 | 20.05 | 20.01 | 21.2 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 20.04 | 20.05 | 20.11 | | |
| 40 | PI/2 BPSK | 100 | 0 | 20.19 | 20.19 | 20.10 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 1 | 20.29 | 20.34 | 20.21 | | |
| 40 | QPSK | 1 | 53 | 20.19 | 20.19 | 20.20 | 21.2 | 0.0 |
| 40 | QPSK | 1 | 104 | 20.28 | 20.24 | 20.23 | | |
| 40 | QPSK | 50 | 0 | 20.13 | 20.23 | 20.00 | 21.2 | 0.0 |
| 40 | QPSK | 50 | 28 | 20.11 | 20.25 | 20.14 | 21.2 | 0.0 |
| 40 | QPSK | 50 | 56 | 20.16 | 20.08 | 20.23 | | |
| 40 | QPSK | 100 | 0 | 20.20 | 20.22 | 20.18 | 21.2 | 0.0 |
| 40 | 16QAM | 1 | 1 | 19.97 | 20.00 | 19.94 | 21.2 | 0.0 |
| 40 | 64QAM | 1 | 1 | 20.15 | 20.08 | 20.17 | 21.2 | 0.0 |
| 40 | 256QAM | 1 | 1 | 20.31 | 20.24 | 20.25 | 21.2 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 20.15 | 20.10 | 19.93 | 21.2 | 0.0 |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 20.02 | 20.03 | 20.09 | 21.2 | 0.0 |
| Channel | | | | 515592 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 20.10 | 20.11 | 20.03 | 21.2 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 20.00 | 20.15 | 20.14 | 21.2 | 0.0 |

| n41 Ant3 DSIS-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 22.06 | 22.03 | 21.94 | | |
| 100 | PI/2 BPSK | 1 | 137 | 21.89 | 21.90 | 22.03 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 22.03 | 22.18 | 22.04 | | |
| 100 | PI/2 BPSK | 135 | 0 | 22.07 | 22.20 | 21.91 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 21.92 | 22.01 | 21.95 | 22.7 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 21.75 | 22.03 | 21.83 | | |
| 100 | PI/2 BPSK | 270 | 0 | 21.83 | 22.06 | 22.06 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 1 | 22.11 | 22.21 | 22.15 | | |
| 100 | QPSK | 1 | 137 | 21.95 | 21.93 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 1 | 271 | 21.91 | 22.15 | 21.97 | | |
| 100 | QPSK | 135 | 0 | 22.04 | 22.18 | 22.02 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 69 | 22.15 | 22.19 | 22.11 | 22.7 | 0.0 |
| 100 | QPSK | 135 | 138 | 22.01 | 22.08 | 21.95 | | |
| 100 | QPSK | 270 | 0 | 22.05 | 22.12 | 22.09 | 22.7 | 0.0 |
| 100 | 16QAM | 1 | 1 | 22.19 | 22.15 | 22.10 | 22.7 | 0.0 |
| 100 | 64QAM | 1 | 1 | 21.65 | 21.89 | 21.66 | 22.7 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.66 | 20.90 | 20.66 | 21.2 | 1.5 |
| Channel | | | | 509200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 21.04 | 22.06 | 21.99 | 22.7 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 21.98 | 22.06 | 21.81 | 22.7 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 22.87 | 22.04 | 21.91 | 22.7 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 21.99 | 22.11 | 21.92 | 22.7 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 21.94 | 22.12 | 21.80 | 22.7 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 22.00 | 22.00 | 21.89 | 22.7 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 22.16 | 21.95 | 21.87 | 22.7 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 22.04 | 21.94 | 21.79 | 22.7 | 0.0 |

| n7 Ant4 DSIS-Other PA | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 17.25 | 17.20 | 17.11 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 17.33 | 17.13 | 17.19 | | |
| 40 | PI/2 BPSK | 1 | 214 | 17.09 | 17.14 | 17.18 | | |
| 40 | PI/2 BPSK | 108 | 0 | 17.21 | 17.10 | 16.91 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 17.20 | 17.26 | 17.11 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 17.22 | 17.21 | 17.22 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 17.08 | 17.28 | 17.07 | | |
| 40 | QPSK | 1 | 1 | 17.33 | 17.38 | 17.26 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 108 | 17.01 | 17.18 | 17.25 | | |
| 40 | QPSK | 1 | 214 | 17.08 | 17.19 | 16.85 | | |
| 40 | QPSK | 108 | 0 | 17.10 | 17.13 | 17.15 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 17.16 | 17.23 | 17.14 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 108 | 17.15 | 17.19 | 17.03 | 18.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 17.11 | 17.20 | 17.08 | | |
| 40 | 16QAM | 1 | 1 | 16.91 | 17.04 | 16.87 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 17.09 | 17.05 | 16.97 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.96 | 17.28 | 17.22 | 18.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 16.93 | 17.13 | 16.82 | 18.0 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 16.91 | 17.09 | 16.83 | 18.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 17.02 | 17.14 | 16.85 | 18.0 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 17.02 | 17.17 | 16.70 | 18.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 17.09 | 17.12 | 16.71 | 18.0 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 16.91 | 17.05 | 16.64 | 18.0 | 0.0 |



| n38 Ant4 DSIS-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.93 | 17.03 | 16.93 | | |
| 40 | PI/2 BPSK | 1 | 53 | 16.65 | 16.89 | 16.81 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 16.97 | 16.87 | 16.88 | | |
| 40 | PI/2 BPSK | 50 | 0 | 16.93 | 16.92 | 16.92 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 16.83 | 17.01 | 16.79 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 17.01 | 17.09 | 16.75 | | |
| 40 | PI/2 BPSK | 100 | 0 | 17.00 | 16.85 | 16.75 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 17.11 | 17.12 | 17.09 | | |
| 40 | QPSK | 1 | 53 | 16.94 | 16.88 | 16.78 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 104 | 16.52 | 16.74 | 16.36 | | |
| 40 | QPSK | 50 | 0 | 16.66 | 16.95 | 16.85 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 28 | 17.04 | 17.08 | 17.01 | 18.0 | 0.0 |
| 40 | QPSK | 50 | 56 | 16.64 | 16.89 | 16.85 | 18.0 | 0.0 |
| 40 | QPSK | 100 | 0 | 17.01 | 17.06 | 16.97 | | |
| 40 | 16QAM | 1 | 1 | 16.96 | 17.08 | 17.09 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 16.73 | 17.06 | 16.78 | 18.0 | 0.0 |
| 40 | 256QAM | 1 | 1 | 16.93 | 16.82 | 16.67 | 18.0 | 0.0 |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | 18.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 17.03 | 17.05 | 17.00 | | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | 18.0 | 0.0 |
| 20 | QPSK | 1 | 1 | 17.04 | 17.03 | 16.83 | | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | 18.0 | 0.0 |
| 15 | QPSK | 1 | 1 | 16.91 | 17.10 | 16.93 | | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | 18.0 | 0.0 |
| 10 | QPSK | 1 | 1 | 17.08 | 17.08 | 17.00 | | |

| n41 Ant4 DSIS-Other PA | | | | | | | | |
|------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 516598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.39 | 17.56 | 17.42 | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.50 | 17.54 | 17.54 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 17.58 | 17.58 | 17.46 | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.42 | 17.38 | 17.26 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 17.52 | 17.48 | 17.46 | 18.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 17.26 | 17.44 | 17.40 | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.31 | 17.56 | 17.23 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 1 | 17.65 | 17.75 | 17.60 | | |
| 100 | QPSK | 1 | 137 | 17.21 | 17.29 | 17.47 | 18.2 | 0.0 |
| 100 | QPSK | 1 | 271 | 17.34 | 17.60 | 17.50 | | |
| 100 | QPSK | 135 | 0 | 17.28 | 17.40 | 17.25 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 17.61 | 17.64 | 17.57 | 18.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 17.32 | 17.51 | 17.30 | 18.2 | 0.0 |
| 100 | QPSK | 270 | 0 | 17.41 | 17.50 | 17.42 | | |
| 100 | 16QAM | 1 | 1 | 17.64 | 17.62 | 17.61 | 18.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 17.55 | 17.51 | 17.60 | 18.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 17.70 | 17.92 | 17.72 | 18.2 | 0.0 |
| Channel | | | | 508200 | 516598 | 528998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | 18.2 | 0.0 |
| 90 | QPSK | 1 | 1 | 17.49 | 17.74 | 17.37 | | |
| Channel | | | | 507204 | 516598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | 18.2 | 0.0 |
| 80 | QPSK | 1 | 1 | 17.62 | 17.73 | 17.50 | | |
| Channel | | | | 506202 | 516598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | 18.2 | 0.0 |
| 70 | QPSK | 1 | 1 | 17.53 | 17.73 | 17.47 | | |
| Channel | | | | 505200 | 516598 | 531998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | 18.2 | 0.0 |
| 60 | QPSK | 1 | 1 | 17.51 | 17.74 | 17.40 | | |
| Channel | | | | 504204 | 516598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | 18.2 | 0.0 |
| 50 | QPSK | 1 | 1 | 17.51 | 17.64 | 17.31 | | |
| Channel | | | | 503202 | 516598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | 18.2 | 0.0 |
| 40 | QPSK | 1 | 1 | 17.48 | 17.74 | 17.39 | | |
| Channel | | | | 502200 | 516598 | 534998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | 18.2 | 0.0 |
| 30 | QPSK | 1 | 1 | 17.62 | 17.70 | 17.37 | | |
| Channel | | | | 501204 | 516598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | 18.2 | 0.0 |
| 20 | QPSK | 1 | 1 | 17.51 | 17.54 | 17.47 | | |



| Part270 n77 Ant4 DSI3 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.12 | 16.24 | 15.95 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.05 | 16.03 | 15.88 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.66 | 15.86 | 16.05 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.73 | 15.79 | 15.69 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.04 | 16.16 | 16.12 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.92 | 15.82 | 15.86 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.75 | 15.82 | 15.81 | | | |
| 100 | QPSK | 1 | 1 | 16.26 | 16.29 | 16.21 | | | |
| 100 | QPSK | 1 | 137 | 16.24 | 16.15 | 16.05 | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.88 | 16.16 | 16.09 | | | |
| 100 | QPSK | 135 | 0 | 15.69 | 15.56 | 15.62 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.08 | 16.13 | 16.09 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.56 | 15.59 | 15.55 | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.01 | 16.06 | 16.05 | | | |
| 100 | 16QAM | 1 | 1 | 15.65 | 15.70 | 15.55 | 17.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.85 | 15.80 | 15.97 | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.00 | 16.10 | 16.09 | 17.5 | 0.0 | |
| Channel | | | | 646968 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 17.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.85 | 16.02 | 16.11 | | | |
| Channel | | | | 646334 | 656000 | 662668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 17.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.97 | 16.02 | 16.09 | 17.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 17.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.80 | 16.05 | 16.01 | 17.5 | 0.0 | |
| Channel | | | | 646898 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 17.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.91 | 15.98 | 15.99 | 17.5 | 0.0 | |
| Channel | | | | 646334 | 656000 | 663668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 17.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.75 | 16.03 | 16.05 | 17.5 | 0.0 | |
| Channel | | | | 646000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 17.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.95 | 16.08 | 15.90 | 17.5 | 0.0 | |
| Channel | | | | 647698 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 17.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.70 | 16.14 | 15.98 | 17.5 | 0.0 | |
| Channel | | | | 647334 | 656000 | 664668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 17.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.86 | 15.97 | 16.00 | 17.5 | 0.0 | |
| Channel | | | | 647198 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.82 | 3840 | 3972.51 | 17.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.77 | 16.07 | 15.99 | 17.5 | 0.0 | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 17.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.95 | 16.08 | 16.00 | 17.5 | 0.0 | |

| Part27Q n77 Ant4 DSI5 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.05 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.94 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.03 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.95 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.25 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.88 | | | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.99 | | | | | |
| 100 | QPSK | 1 | 1 | 16.31 | | | | | |
| 100 | QPSK | 1 | 137 | 16.09 | | | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.94 | | | | | |
| 100 | QPSK | 135 | 0 | 16.04 | | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.24 | | | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.16 | | | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.20 | | | | | |
| 100 | 16QAM | 1 | 1 | 15.96 | | | 17.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 16.05 | | | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.22 | | | 17.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 17.5 | 0.0 | |
| 90 | QPSK | 1 | 1 | 16.02 | 16.15 | 16.10 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 17.5 | 0.0 | |
| 80 | QPSK | 1 | 1 | 16.02 | 16.20 | 15.97 | 17.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 17.5 | 0.0 | |
| 70 | QPSK | 1 | 1 | 16.07 | 16.21 | 16.01 | 17.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 17.5 | 0.0 | |
| 60 | QPSK | 1 | 1 | 16.04 | 16.28 | 16.18 | 17.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 17.5 | 0.0 | |
| 50 | QPSK | 1 | 1 | 16.05 | 16.18 | 16.02 | 17.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 17.5 | 0.0 | |
| 40 | QPSK | 1 | 1 | 16.19 | 16.17 | 16.01 | 17.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 17.5 | 0.0 | |
| 30 | QPSK | 1 | 1 | 16.10 | 16.08 | 16.05 | 17.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 17.5 | 0.0 | |
| 20 | QPSK | 1 | 1 | 16.13 | 16.25 | 16.07 | 17.5 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 17.5 | 0.0 | |
| 15 | QPSK | 1 | 1 | 16.04 | 16.07 | 16.15 | 17.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 17.5 | 0.0 | |
| 10 | QPSK | 1 | 1 | 16.21 | 16.16 | 16.00 | 17.5 | 0.0 | |



| Part270 n78 PC2&PC3 Ant4 DSI5 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.20 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.04 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.24 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.16 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.03 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.03 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 15.11 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.25 | | | | | |
| 100 | QPSK | 1 | 137 | 15.18 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.14 | | | | | |
| 100 | QPSK | 135 | 0 | 15.10 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.18 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.10 | | | | | |
| 100 | QPSK | 270 | 0 | 15.17 | | | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.09 | | | 17.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.02 | | | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.03 | | | 17.0 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 15.21 | 15.07 | 15.23 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 15.19 | 15.11 | 15.24 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 15.21 | 15.15 | 15.15 | 17.0 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 15.09 | 15.08 | 15.05 | 17.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 15.19 | 15.07 | 15.04 | 17.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 15.01 | 15.14 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 15.10 | 15.05 | 15.17 | 17.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 15.11 | 15.06 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 15.06 | 15.15 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 15.14 | 15.01 | 15.22 | 17.0 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant4 DSI5 | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.24 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.13 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.19 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.14 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.26 | | | 17.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.02 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 15.23 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 1 | 15.27 | | | | | |
| 100 | QPSK | 1 | 137 | 15.23 | | | 17.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.18 | | | | | |
| 100 | QPSK | 135 | 0 | 15.20 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.25 | | | 17.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.10 | | | | | |
| 100 | QPSK | 270 | 0 | 15.23 | | | 17.0 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.14 | | | 17.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.16 | | | 17.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.24 | | | 17.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 15.02 | 15.21 | 15.08 | 17.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 15.22 | 15.17 | 15.13 | 17.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 15.04 | 15.24 | 15.16 | 17.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 15.05 | 15.11 | 15.15 | 17.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 15.02 | 15.18 | 15.07 | 17.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 15.08 | 15.15 | 15.13 | 17.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 15.09 | 15.06 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 15.21 | 15.09 | 15.20 | 17.0 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 15.14 | 15.23 | 15.19 | 17.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 15.07 | 15.09 | 15.24 | 17.0 | 0.0 | |



| n7 Ant5 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 20.09 | 20.11 | 20.09 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 20.05 | 20.14 | 19.91 | | |
| 40 | PI/2 BPSK | 1 | 214 | 20.03 | 20.07 | 19.99 | | |
| 40 | PI/2 BPSK | 108 | 0 | 20.14 | 20.19 | 19.99 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.91 | 20.09 | 20.07 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 20.03 | 19.99 | 20.04 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 20.03 | 20.08 | 20.03 | | |
| 40 | QPSK | 1 | 1 | 20.21 | 20.23 | 20.19 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 108 | 20.07 | 20.20 | 19.94 | | |
| 40 | QPSK | 1 | 214 | 20.05 | 20.12 | 20.10 | | |
| 40 | QPSK | 108 | 0 | 20.09 | 20.01 | 20.03 | 20.7 | 0.0 |
| 40 | QPSK | 108 | 54 | 20.15 | 20.22 | 20.13 | 20.7 | 0.0 |
| 40 | QPSK | 108 | 108 | 20.13 | 20.07 | 19.94 | 20.7 | 0.0 |
| 40 | QPSK | 216 | 0 | 20.16 | 20.20 | 20.19 | | |
| 40 | 16QAM | 1 | 1 | 20.02 | 20.12 | 20.01 | 20.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.77 | 20.06 | 19.87 | 20.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.99 | 20.23 | 20.04 | 20.7 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | (dBm) | (dB) |
| 30 | QPSK | 1 | 1 | 19.96 | 20.07 | 19.85 | 20.7 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | (dBm) | (dB) |
| 25 | QPSK | 1 | 1 | 19.99 | 20.10 | 19.86 | 20.7 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | (dBm) | (dB) |
| 20 | PI/2 BPSK | 1 | 1 | 20.00 | 20.13 | 19.99 | 20.7 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | (dBm) | (dB) |
| 15 | QPSK | 1 | 1 | 19.98 | 20.10 | 19.98 | 20.7 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | (dBm) | (dB) |
| 10 | QPSK | 1 | 1 | 19.99 | 20.02 | 19.86 | 20.7 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit | MPR |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | (dBm) | (dB) |
| 5 | QPSK | 1 | 1 | 19.96 | 20.12 | 19.82 | 20.7 | 0.0 |



| n38 Ant5 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 518004 | 519000 | 519996 | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | |
| 40 | PI/2 BPSK | 1 | 1 | 19.69 | 19.68 | 19.32 | | |
| 40 | PI/2 BPSK | 1 | 53 | 19.27 | 19.40 | 19.34 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 1 | 104 | 19.38 | 19.67 | 19.36 | | |
| 40 | PI/2 BPSK | 50 | 0 | 19.20 | 19.54 | 19.27 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 28 | 19.41 | 19.56 | 19.31 | 20.7 | 0.0 |
| 40 | PI/2 BPSK | 50 | 56 | 19.53 | 19.69 | 19.50 | | |
| 40 | PI/2 BPSK | 100 | 0 | 19.23 | 19.46 | 19.30 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 1 | 19.74 | 19.78 | 19.68 | | |
| 40 | QPSK | 1 | 53 | 19.55 | 19.34 | 19.21 | 20.7 | 0.0 |
| 40 | QPSK | 1 | 104 | 19.36 | 19.56 | 19.62 | | |
| 40 | QPSK | 50 | 0 | 19.45 | 19.53 | 19.43 | 20.7 | 0.0 |
| 40 | QPSK | 50 | 28 | 19.57 | 19.66 | 19.63 | 20.7 | 0.0 |
| 40 | QPSK | 50 | 56 | 19.47 | 19.49 | 19.50 | 20.7 | 0.0 |
| 40 | QPSK | 100 | 0 | 19.51 | 19.64 | 19.63 | | |
| 40 | 16QAM | 1 | 1 | 19.43 | 19.58 | 19.48 | 20.7 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.17 | 19.52 | 19.43 | 20.7 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.67 | 19.63 | 19.65 | 20.7 | 0.0 |
| Channel | | | | 517092 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | |
| 30 | QPSK | 1 | 1 | 19.50 | 19.50 | 19.54 | 20.7 | 0.0 |
| Channel | | | | 516090 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | |
| 20 | QPSK | 1 | 1 | 19.62 | 19.51 | 19.53 | 20.7 | 0.0 |
| Channel | | | | 515092 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | |
| 15 | QPSK | 1 | 1 | 19.54 | 19.56 | 19.70 | 20.7 | 0.0 |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | |
| 10 | QPSK | 1 | 1 | 19.50 | 19.52 | 19.68 | 20.7 | 0.0 |

| n41 Ant5 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 509202 | 518598 | 528000 | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.46 | 20.72 | 20.47 | | |
| 100 | PI/2 BPSK | 1 | 137 | 20.55 | 20.45 | 20.52 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 20.62 | 20.51 | 20.42 | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.53 | 20.56 | 20.58 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 20.62 | 20.51 | 20.68 | 21.2 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 20.38 | 20.48 | 20.38 | | |
| 100 | PI/2 BPSK | 270 | 0 | 20.67 | 20.67 | 20.48 | 21.2 | 0.0 |
| 100 | QPSK | 1 | 1 | 20.67 | 20.74 | 20.69 | | |
| 100 | QPSK | 1 | 137 | 20.61 | 20.67 | 20.71 | 21.2 | 0.0 |
| 100 | QPSK | 1 | 271 | 20.56 | 20.54 | 20.49 | | |
| 100 | QPSK | 135 | 0 | 20.58 | 20.51 | 20.55 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 69 | 20.67 | 20.69 | 20.56 | 21.2 | 0.0 |
| 100 | QPSK | 135 | 138 | 20.46 | 20.53 | 20.41 | | |
| 100 | QPSK | 270 | 0 | 20.56 | 20.64 | 20.62 | 21.2 | 0.0 |
| 100 | 16QAM | 1 | 1 | 20.67 | 20.55 | 20.64 | 21.2 | 0.0 |
| 100 | 64QAM | 1 | 1 | 20.64 | 20.51 | 20.55 | 21.2 | 0.0 |
| 100 | 256QAM | 1 | 1 | 20.73 | 20.55 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | |
| 90 | QPSK | 1 | 1 | 20.39 | 20.52 | 20.51 | 21.2 | 0.0 |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | |
| 80 | QPSK | 1 | 1 | 20.52 | 20.51 | 20.58 | 21.2 | 0.0 |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | |
| 70 | QPSK | 1 | 1 | 20.44 | 20.59 | 20.52 | 21.2 | 0.0 |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | |
| 60 | QPSK | 1 | 1 | 20.39 | 20.45 | 20.62 | 21.2 | 0.0 |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | |
| 50 | QPSK | 1 | 1 | 20.50 | 20.39 | 20.49 | 21.2 | 0.0 |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | |
| 40 | QPSK | 1 | 1 | 20.40 | 20.51 | 20.63 | 21.2 | 0.0 |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | |
| 30 | QPSK | 1 | 1 | 20.52 | 20.47 | 20.59 | 21.2 | 0.0 |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | |
| 20 | QPSK | 1 | 1 | 20.34 | 20.41 | 20.63 | 21.2 | 0.0 |



| Part270 n77 Ant6 DSIS | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 65000 | 65000 | 66200 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.90 | 17.04 | 16.87 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 16.97 | 17.04 | 16.99 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 16.99 | 16.93 | 16.82 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.02 | 16.92 | 16.95 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.90 | 17.08 | 16.97 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 16.85 | 16.93 | 16.82 | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 16.91 | 17.06 | 16.81 | | | |
| 100 | QPSK | 1 | 1 | 17.04 | 17.11 | 17.03 | | | |
| 100 | QPSK | 1 | 137 | 16.91 | 16.95 | 16.89 | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 16.94 | 16.94 | 16.75 | | | |
| 100 | QPSK | 135 | 0 | 16.84 | 16.87 | 16.97 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 16.94 | 17.03 | 16.90 | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 16.90 | 16.80 | 16.86 | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.96 | 17.00 | 16.91 | | | |
| 100 | 16QAM | 1 | 1 | 16.89 | 16.89 | 16.93 | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.03 | 17.02 | 17.10 | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.89 | 16.96 | 16.83 | 18.5 | 0.0 | |
| Channel | | | | 64698 | 65000 | 66234 | | | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | | |
| 90 | QPSK | 1 | 1 | 16.70 | 16.96 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 65000 | 662668 | | | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3949.02 | | | |
| 80 | QPSK | 1 | 1 | 16.70 | 16.97 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 65000 | 663000 | | | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | | |
| 70 | QPSK | 1 | 1 | 16.75 | 16.90 | 16.69 | 18.5 | 0.0 | |
| Channel | | | | 646698 | 65000 | 663334 | | | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | | |
| 60 | QPSK | 1 | 1 | 16.70 | 17.04 | 16.81 | 18.5 | 0.0 | |
| Channel | | | | 646334 | 65000 | 663668 | | | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | | |
| 50 | QPSK | 1 | 1 | 16.70 | 16.84 | 16.80 | 18.5 | 0.0 | |
| Channel | | | | 646000 | 65000 | 664000 | | | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | | |
| 40 | QPSK | 1 | 1 | 16.64 | 17.00 | 16.71 | 18.5 | 0.0 | |
| Channel | | | | 647698 | 65000 | 664334 | | | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | | |
| 30 | QPSK | 1 | 1 | 16.76 | 16.82 | 16.82 | 18.5 | 0.0 | |
| Channel | | | | 647334 | 65000 | 664668 | | | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | | |
| 20 | QPSK | 1 | 1 | 16.77 | 16.84 | 16.70 | 18.5 | 0.0 | |
| Channel | | | | 647168 | 65000 | 664834 | | | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | | |
| 15 | QPSK | 1 | 1 | 16.75 | 17.02 | 16.89 | 18.5 | 0.0 | |
| Channel | | | | 647000 | 65000 | 665000 | | | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | | |
| 10 | QPSK | 1 | 1 | 16.70 | 16.81 | 16.73 | 18.5 | 0.0 | |

| Part27Q n77 Ant6 DSIS | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.59 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.42 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.36 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.48 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.55 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.47 | | | 18.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.53 | | | | | |
| 100 | QPSK | 1 | 1 | 17.76 | | | | | |
| 100 | QPSK | 1 | 137 | 17.58 | | | 18.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.63 | | | | | |
| 100 | QPSK | 135 | 0 | 17.51 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.71 | | | 18.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.39 | | | 18.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.63 | | | | | |
| 100 | 16QAM | 1 | 1 | 17.59 | | | 18.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.55 | | | 18.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.43 | | | 18.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 90 | QPSK | 1 | 1 | 17.67 | 17.52 | 17.59 | 18.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | | | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | | |
| 80 | QPSK | 1 | 1 | 17.47 | 17.63 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | | | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | | |
| 70 | QPSK | 1 | 1 | 17.58 | 17.61 | 17.38 | 18.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | | | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | | |
| 60 | QPSK | 1 | 1 | 17.50 | 17.60 | 17.45 | 18.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | | | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | | |
| 50 | QPSK | 1 | 1 | 17.63 | 17.55 | 17.58 | 18.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | | | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | | |
| 40 | QPSK | 1 | 1 | 17.62 | 17.66 | 17.67 | 18.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | | | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | | |
| 30 | QPSK | 1 | 1 | 17.61 | 17.70 | 17.62 | 18.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | | | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | | |
| 20 | QPSK | 1 | 1 | 17.68 | 17.75 | 17.48 | 18.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | | | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | | |
| 15 | QPSK | 1 | 1 | 17.63 | 17.74 | 17.46 | 18.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | | | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | | |
| 10 | QPSK | 1 | 1 | 17.75 | 17.70 | 17.58 | 18.5 | 0.0 | |



| Part27O n78 PC3 Ant6 DS15 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.78 | 17.78 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.74 | 17.74 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.74 | 17.74 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.76 | 17.76 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | 17.78 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.77 | 17.77 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.79 | 17.79 | | | | |
| 100 | QPSK | 1 | 1 | 17.85 | 17.85 | | | | |
| 100 | QPSK | 1 | 137 | 17.75 | 17.75 | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.72 | 17.72 | | | | |
| 100 | QPSK | 135 | 0 | 17.63 | 17.63 | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.63 | 17.63 | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.75 | 17.75 | | 19.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 17.80 | 17.80 | | | | |
| 100 | 16QAM | 1 | 1 | 17.76 | 17.76 | | 19.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.75 | 17.75 | | 19.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.81 | 17.81 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 19.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 17.73 | 17.84 | 17.70 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 19.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 17.63 | 17.73 | 17.73 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 19.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 17.65 | 17.65 | 17.65 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 19.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 17.63 | 17.76 | 17.59 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 19.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 17.65 | 17.76 | 17.61 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 646000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 19.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 17.74 | 17.67 | 17.60 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 19.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.66 | 17.75 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 19.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 17.82 | 17.66 | 17.74 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 19.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 17.65 | 17.81 | 17.73 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 19.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 17.81 | 17.82 | 17.71 | | | |

| Part27Q n78 PC3 Ant6 DS15 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.16 | 18.16 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.98 | 17.98 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.91 | 17.91 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.19 | 18.19 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.09 | 18.09 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | 18.00 | | 19.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 17.96 | 17.96 | | | | |
| 100 | QPSK | 1 | 1 | 18.35 | 18.35 | | | | |
| 100 | QPSK | 1 | 137 | 18.26 | 18.26 | | 19.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.00 | 18.00 | | | | |
| 100 | QPSK | 135 | 0 | 18.28 | 18.28 | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.33 | 18.33 | | 19.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.22 | 18.22 | | 19.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 18.31 | 18.31 | | | | |
| 100 | 16QAM | 1 | 1 | 18.18 | 18.18 | | 19.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.94 | 17.94 | | 19.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.19 | 18.19 | | 19.2 | 0.0 | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 19.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 18.31 | 18.27 | 18.30 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 19.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 18.09 | 18.30 | 18.24 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 19.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 18.23 | 18.25 | 18.17 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 19.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 18.09 | 18.18 | 18.29 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 19.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 18.12 | 18.25 | 18.11 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 19.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 18.14 | 18.29 | 18.19 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 19.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 18.26 | 18.24 | 18.21 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 19.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 18.30 | 18.24 | 18.22 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 630000 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 19.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 18.18 | 18.26 | 18.22 | | | |
| Channel | | | | | | | | | |
| Frequency (MHz) | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 19.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 18.09 | 18.24 | 18.24 | | | |



| Part27O n78 PC2 Ant6 DSIS | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 17.78 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.74 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.74 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 17.76 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 17.78 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 17.77 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.79 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 17.85 | | | | | |
| 100 | QPSK | 1 | 137 | 17.75 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 17.72 | | | | | |
| 100 | QPSK | 135 | 0 | 17.63 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 17.63 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 17.75 | | | | | |
| 100 | QPSK | 270 | 0 | 17.80 | | | 19.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 17.76 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.75 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 17.81 | | | 19.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 17.73 | 17.84 | 17.70 | 19.5 | 0.0 | |
| Channel | | | | 646334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 17.63 | 17.73 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 649000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 17.85 | 17.68 | 17.65 | 19.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 17.83 | 17.76 | 17.59 | 19.5 | 0.0 | |
| Channel | | | | 646334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 17.65 | 17.76 | 17.61 | 19.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 17.74 | 17.67 | 17.60 | 19.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 17.63 | 17.66 | 17.75 | 19.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 17.82 | 17.66 | 17.74 | 19.5 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 17.65 | 17.81 | 17.73 | 19.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 17.81 | 17.82 | 17.71 | 19.5 | 0.0 | |

| Part27Q n78 PC2 Ant6 DSIS | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 18.16 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 17.98 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 17.91 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 18.19 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 18.09 | | | 19.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 18.00 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 17.96 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 18.35 | | | | | |
| 100 | QPSK | 1 | 137 | 18.26 | | | 19.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 18.00 | | | | | |
| 100 | QPSK | 135 | 0 | 18.28 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 18.33 | | | 19.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 18.22 | | | | | |
| 100 | QPSK | 270 | 0 | 18.31 | | | 19.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 18.18 | | | 19.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 17.94 | | | 19.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.19 | | | 19.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 18.31 | 18.27 | 18.30 | 19.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 18.09 | 18.30 | 18.24 | 19.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 18.23 | 18.25 | 18.17 | 19.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 18.09 | 18.18 | 18.29 | 19.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 18.12 | 18.25 | 18.11 | 19.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 18.14 | 18.29 | 18.19 | 19.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 18.26 | 18.24 | 18.21 | 19.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 18.30 | 18.24 | 18.22 | 19.5 | 0.0 | |
| Channel | | | | 630000 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 18.18 | 18.26 | 18.22 | 19.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 18.09 | 18.24 | 18.24 | 19.5 | 0.0 | |



| Part270 n77 Ant7 DSI5 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 662000 | | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.57 | 15.60 | 15.51 | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.52 | 15.54 | 15.60 | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.48 | 15.55 | 15.44 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.55 | 15.51 | 15.61 | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.62 | 15.55 | 15.52 | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.51 | 15.61 | 15.52 | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.55 | 15.53 | 15.59 | | | |
| 100 | QPSK | 1 | 1 | 15.61 | 15.63 | 15.58 | | | |
| 100 | QPSK | 1 | 137 | 15.45 | 15.55 | 15.54 | 16.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.55 | 15.63 | 15.54 | | | |
| 100 | QPSK | 135 | 0 | 15.40 | 15.59 | 15.48 | 16.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.55 | 15.61 | 15.60 | 16.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.10 | 15.50 | 15.18 | | | |
| 100 | QPSK | 270 | 0 | 15.52 | 15.57 | 15.46 | 16.2 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 15.28 | 15.18 | 15.16 | 16.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.24 | 15.45 | 15.57 | 16.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.32 | 15.59 | 15.58 | 16.2 | 0.0 | |
| Channel | | | | 648688 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | 16.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.29 | 15.55 | 15.19 | | | |
| Channel | | | | 648334 | 656000 | 662688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | 16.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.22 | 15.53 | 15.35 | | | |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | 16.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.15 | 15.55 | 15.29 | | | |
| Channel | | | | 648688 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | 16.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.21 | 15.47 | 15.23 | | | |
| Channel | | | | 648334 | 656000 | 663688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | 16.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.20 | 15.53 | 15.32 | | | |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | 16.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.11 | 15.45 | 15.31 | | | |
| Channel | | | | 647688 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | 16.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.20 | 15.55 | 15.23 | | | |
| Channel | | | | 647334 | 656000 | 664688 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | 16.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.23 | 15.36 | 15.28 | | | |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | 16.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.20 | 15.59 | 15.20 | | | |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | 16.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.11 | 15.39 | 15.22 | | | |

| Part27Q n77 Ant7 DSI5 | | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633000 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 15.71 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 15.64 | | | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 15.52 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.35 | | | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 15.70 | | | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.25 | | | 16.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.32 | | | | | |
| 100 | QPSK | 1 | 1 | 15.75 | | | | | |
| 100 | QPSK | 1 | 137 | 15.71 | | | 16.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.64 | | | | | |
| 100 | QPSK | 135 | 0 | 15.50 | | | 16.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 15.51 | | | 16.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.40 | | | 16.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 15.50 | | | | | |
| 100 | 16QAM | 1 | 1 | 15.62 | | | 16.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 15.72 | | | 16.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 15.63 | | | 16.2 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 16.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 15.44 | 15.52 | 15.43 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 16.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 15.51 | 15.51 | 15.57 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 16.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 15.49 | 15.43 | 15.54 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 16.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 15.48 | 15.44 | 15.44 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 16.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 15.47 | 15.47 | 15.40 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 16.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 15.33 | 15.42 | 15.50 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 16.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 15.47 | 15.50 | 15.44 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 16.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 15.48 | 15.49 | 15.51 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 16.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 15.52 | 15.49 | 15.40 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 16.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 15.48 | 15.52 | 15.39 | | | |



| Part27O n78 PC3 Ant7 DS15 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.46 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.54 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.45 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.49 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.55 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.44 | | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | | |
| 100 | QPSK | 1 | 137 | 14.41 | | | 15.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.54 | | | | | |
| 100 | QPSK | 135 | 0 | 14.49 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.59 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.52 | | | 15.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.54 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.55 | | | 15.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.43 | | | 15.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.35 | | | 15.2 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 15.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.47 | 14.50 | 14.47 | | | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 15.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.40 | 14.58 | 14.42 | | | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 15.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.55 | 14.39 | | | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 15.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.43 | 14.56 | 14.45 | | | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 15.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | | | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 15.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.52 | 14.59 | 14.43 | | | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 15.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | | | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 15.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.45 | 14.61 | 14.48 | | | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 15.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.50 | 14.53 | 14.46 | | | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 15.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.44 | 14.61 | 14.40 | | | |

| Part27Q n78 PC3 Ant7 DS15 | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3500.01 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 1 | 14.50 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.58 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.53 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.71 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.64 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.58 | | | 15.2 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.58 | | | | | |
| 100 | QPSK | 1 | 1 | 14.74 | | | | | |
| 100 | QPSK | 1 | 137 | 14.66 | | | 15.2 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.61 | | | | | |
| 100 | QPSK | 135 | 0 | 14.56 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.71 | | | 15.2 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.58 | | | 15.2 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.66 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.67 | | | 15.2 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.71 | | | 15.2 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.64 | | | 15.2 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 15.2 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.57 | 14.57 | 14.49 | | | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 15.2 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.54 | 14.55 | 14.55 | | | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 15.2 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.49 | 14.63 | 14.51 | | | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 15.2 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.47 | 14.56 | 14.51 | | | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 15.2 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.55 | 14.59 | 14.47 | | | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 15.2 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.46 | 14.66 | 14.54 | | | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 15.2 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.47 | | | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 15.2 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.51 | | | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 15.2 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.51 | 14.65 | 14.58 | | | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 15.2 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.45 | 14.56 | 14.47 | | | |



| Part27O n78 PC2 Ant7 DSIS | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.46 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.54 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.62 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.45 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.49 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.55 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.44 | | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | | |
| 100 | QPSK | 1 | 137 | 14.41 | | | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.54 | | | | | |
| 100 | QPSK | 135 | 0 | 14.49 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.59 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.52 | | | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.54 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.55 | | | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.43 | | | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.35 | | | 16.0 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | 16.0 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.47 | 14.50 | 14.47 | 16.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | 16.0 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.40 | 14.58 | 14.42 | 16.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | 16.0 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.55 | 14.39 | 16.0 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | 16.0 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.43 | 14.56 | 14.45 | 16.0 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | 16.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.50 | 14.58 | 14.43 | 16.0 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.52 | 14.59 | 14.43 | 16.0 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | 16.0 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.46 | 14.58 | 14.43 | 16.0 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | 16.0 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.45 | 14.61 | 14.48 | 16.0 | 0.0 | |
| Channel | | | | 647168 | 650000 | 652834 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3707.62 | 3750 | 3792.51 | 16.0 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.50 | 14.53 | 14.46 | 16.0 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | 16.0 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.44 | 14.61 | 14.40 | 16.0 | 0.0 | |

| Part27Q n78 PC2 Ant7 DSIS | | | | | | | | | |
|---------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | | | | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.50 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.58 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 14.53 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.71 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 14.64 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 14.58 | | | 16.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 14.58 | | | | | |
| 100 | QPSK | 1 | 1 | 14.74 | | | | | |
| 100 | QPSK | 1 | 137 | 14.66 | | | 16.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 14.61 | | | | | |
| 100 | QPSK | 135 | 0 | 14.56 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 69 | 14.71 | | | 16.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 14.58 | | | 16.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 14.66 | | | | | |
| 100 | 16QAM | 1 | 1 | 14.67 | | | 16.0 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 14.71 | | | 16.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 14.64 | | | 16.0 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | 16.0 | 0.0 | |
| 90 | QPSK | 1 | 1 | 14.57 | 14.57 | 14.49 | 16.0 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | 16.0 | 0.0 | |
| 80 | QPSK | 1 | 1 | 14.54 | 14.55 | 14.55 | 16.0 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | 16.0 | 0.0 | |
| 70 | QPSK | 1 | 1 | 14.49 | 14.63 | 14.51 | 16.0 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | 16.0 | 0.0 | |
| 60 | QPSK | 1 | 1 | 14.47 | 14.56 | 14.51 | 16.0 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | 16.0 | 0.0 | |
| 50 | QPSK | 1 | 1 | 14.55 | 14.59 | 14.47 | 16.0 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 14.46 | 14.66 | 14.54 | 16.0 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | 16.0 | 0.0 | |
| 30 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.47 | 16.0 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | 16.0 | 0.0 | |
| 20 | QPSK | 1 | 1 | 14.50 | 14.63 | 14.51 | 16.0 | 0.0 | |
| Channel | | | | 630500 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | 16.0 | 0.0 | |
| 15 | QPSK | 1 | 1 | 14.51 | 14.65 | 14.58 | 16.0 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | 16.0 | 0.0 | |
| 10 | QPSK | 1 | 1 | 14.45 | 14.56 | 14.47 | 16.0 | 0.0 | |



| Part270 n77 Ant8 DSI5 | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 650000 | 656000 | 662000 | | |
| Frequency (MHz) | | | | 3750 | 3840 | 3930 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.31 | 14.57 | 14.37 | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.46 | 14.56 | 14.48 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 14.44 | 14.57 | 14.43 | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.19 | 14.42 | 14.34 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.37 | 14.65 | 14.45 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.47 | 14.39 | 14.42 | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.86 | 14.63 | 14.52 | | |
| 100 | QPSK | 1 | 1 | 14.61 | 14.68 | 14.56 | | |
| 100 | QPSK | 1 | 137 | 14.37 | 14.43 | 14.29 | 16.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 14.80 | 14.55 | 14.47 | | |
| 100 | QPSK | 135 | 0 | 14.28 | 14.45 | 14.40 | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.80 | 14.65 | 14.59 | 16.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 14.30 | 14.51 | 14.49 | 16.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 14.57 | 14.61 | 14.59 | | |
| 100 | 16QAM | 1 | 1 | 14.51 | 14.46 | 14.27 | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.48 | 14.65 | 14.53 | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.46 | 14.39 | 14.56 | 16.0 | 0.0 |
| Channel | | | | 648688 | 656000 | 662334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3745.02 | 3840 | 3935.01 | | |
| 90 | QPSK | 1 | 1 | 14.35 | 14.46 | 14.43 | 16.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 662688 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3740.01 | 3840 | 3940.02 | | |
| 80 | QPSK | 1 | 1 | 14.45 | 14.55 | 14.32 | 16.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 663000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3735 | 3840 | 3945 | | |
| 70 | QPSK | 1 | 1 | 14.46 | 14.53 | 14.35 | 16.0 | 0.0 |
| Channel | | | | 648688 | 656000 | 663334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3730.02 | 3840 | 3950.01 | | |
| 60 | QPSK | 1 | 1 | 14.32 | 14.44 | 14.42 | 16.0 | 0.0 |
| Channel | | | | 648334 | 656000 | 663688 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3725.01 | 3840 | 3955.02 | | |
| 50 | QPSK | 1 | 1 | 14.35 | 14.38 | 14.50 | 16.0 | 0.0 |
| Channel | | | | 648000 | 656000 | 664000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3720 | 3840 | 3960 | | |
| 40 | QPSK | 1 | 1 | 14.39 | 14.39 | 14.36 | 16.0 | 0.0 |
| Channel | | | | 647688 | 656000 | 664334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3715.02 | 3840 | 3965.01 | | |
| 30 | QPSK | 1 | 1 | 14.37 | 14.49 | 14.39 | 16.0 | 0.0 |
| Channel | | | | 647334 | 656000 | 664688 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3710.01 | 3840 | 3970.02 | | |
| 20 | QPSK | 1 | 1 | 14.49 | 14.46 | 14.36 | 16.0 | 0.0 |
| Channel | | | | 647168 | 656000 | 664834 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3707.62 | 3840 | 3972.51 | | |
| 15 | QPSK | 1 | 1 | 14.37 | 14.60 | 14.40 | 16.0 | 0.0 |
| Channel | | | | 647000 | 656000 | 665000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3705 | 3840 | 3975 | | |
| 10 | QPSK | 1 | 1 | 14.27 | 14.61 | 14.31 | 16.0 | 0.0 |

| Part27Q n77 Ant8 DSI5 | | | | | | | | |
|-----------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 633000 | 633334 | 633668 | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | |
| 100 | PI/2 BPSK | 1 | 1 | 14.55 | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 14.53 | | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 1 | 271 | 14.48 | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 14.34 | | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 69 | 14.63 | | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 135 | 138 | 14.36 | | | 16.0 | 0.0 |
| 100 | PI/2 BPSK | 270 | 0 | 14.47 | | | | |
| 100 | QPSK | 1 | 1 | 14.64 | | | | |
| 100 | QPSK | 1 | 137 | 14.56 | | | 16.0 | 0.0 |
| 100 | QPSK | 1 | 271 | 14.45 | | | | |
| 100 | QPSK | 135 | 0 | 14.45 | | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 69 | 14.61 | | | 16.0 | 0.0 |
| 100 | QPSK | 135 | 138 | 14.57 | | | 16.0 | 0.0 |
| 100 | QPSK | 270 | 0 | 14.55 | | | | |
| 100 | 16QAM | 1 | 1 | 14.28 | | | 16.0 | 0.0 |
| 100 | 64QAM | 1 | 1 | 14.54 | | | 16.0 | 0.0 |
| 100 | 256QAM | 1 | 1 | 14.59 | | | 16.0 | 0.0 |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | | |
| 90 | QPSK | 1 | 1 | 14.24 | 14.47 | 14.35 | 16.0 | 0.0 |
| Channel | | | | 632688 | 633334 | 634000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | | |
| 80 | QPSK | 1 | 1 | 14.27 | 14.39 | 14.50 | 16.0 | 0.0 |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | | |
| 70 | QPSK | 1 | 1 | 14.23 | 14.44 | 14.37 | 16.0 | 0.0 |
| Channel | | | | 632000 | 633334 | 634688 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | | |
| 60 | QPSK | 1 | 1 | 14.38 | 14.44 | 14.37 | 16.0 | 0.0 |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | | |
| 50 | QPSK | 1 | 1 | 14.27 | 14.43 | 14.31 | 16.0 | 0.0 |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | | |
| 40 | QPSK | 1 | 1 | 14.27 | 14.37 | 14.50 | 16.0 | 0.0 |
| Channel | | | | 631000 | 633334 | 635688 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | | |
| 30 | QPSK | 1 | 1 | 14.39 | 14.53 | 14.33 | 16.0 | 0.0 |
| Channel | | | | 630688 | 633334 | 636000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | | |
| 20 | QPSK | 1 | 1 | 14.38 | 14.31 | 14.47 | 16.0 | 0.0 |
| Channel | | | | 630300 | 633334 | 636168 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | | |
| 15 | QPSK | 1 | 1 | 14.20 | 14.39 | 14.40 | 16.0 | 0.0 |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | | |
| 10 | QPSK | 1 | 1 | 14.20 | 14.43 | 14.31 | 16.0 | 0.0 |



| Part270 n78 PC2&PC3 Ant8 DSIS | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 650000 | 650000 | 650000 | | | |
| Frequency (MHz) | | | | 3750 | 3750 | 3750 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.16 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 12.97 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 12.88 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 13.21 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 13.17 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 13.19 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 13.08 | | | 14.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 13.22 | | | | | |
| 100 | QPSK | 1 | 137 | 13.05 | | | 14.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 13.08 | | | | | |
| 100 | QPSK | 135 | 0 | 13.09 | | | 14.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 13.17 | | | 14.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 13.09 | | | | | |
| 100 | QPSK | 270 | 0 | 13.19 | | | 14.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 12.88 | | | 14.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 13.14 | | | 14.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 13.10 | | | 14.5 | 0.0 | |
| Channel | | | | 649668 | 650000 | 650334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3745.02 | 3750 | 3755.01 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 12.82 | 13.12 | 13.00 | 14.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 650668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3740.01 | 3750 | 3760.02 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 12.81 | 13.01 | 13.05 | 14.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 651000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3735 | 3750 | 3765 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 12.83 | 12.98 | 12.91 | 14.5 | 0.0 | |
| Channel | | | | 648668 | 650000 | 651334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3730.02 | 3750 | 3770.01 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 12.84 | 13.03 | 12.91 | 14.5 | 0.0 | |
| Channel | | | | 648334 | 650000 | 651668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3725.01 | 3750 | 3775.02 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 12.85 | 13.00 | 13.05 | 14.5 | 0.0 | |
| Channel | | | | 648000 | 650000 | 652000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3720 | 3750 | 3780 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 12.78 | 12.97 | 13.07 | 14.5 | 0.0 | |
| Channel | | | | 647668 | 650000 | 652334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3715.02 | 3750 | 3785.01 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 12.90 | 13.04 | 13.00 | 14.5 | 0.0 | |
| Channel | | | | 647334 | 650000 | 652668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3710.01 | 3750 | 3790.02 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 12.97 | 13.03 | 12.99 | 14.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 652834 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3707.82 | 3750 | 3792.51 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 12.94 | 13.11 | 13.03 | 14.5 | 0.0 | |
| Channel | | | | 647000 | 650000 | 653000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3705 | 3750 | 3795 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 12.88 | 13.15 | 12.93 | 14.5 | 0.0 | |

| Part27Q n78 PC2&PC3 Ant8 DSIS | | | | | | | | | |
|-------------------------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 633000 | 633334 | 633668 | | | |
| Frequency (MHz) | | | | 3500.01 | 3500.01 | 3500.01 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 13.00 | | | | | |
| 100 | PI/2 BPSK | 1 | 137 | 12.91 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 271 | 13.05 | | | | | |
| 100 | PI/2 BPSK | 135 | 0 | 12.91 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 12.86 | | | 14.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 13.08 | | | | | |
| 100 | PI/2 BPSK | 270 | 0 | 12.86 | | | 14.5 | 0.0 | |
| 100 | QPSK | 1 | 1 | 13.20 | | | | | |
| 100 | QPSK | 1 | 137 | 12.96 | | | 14.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 12.90 | | | | | |
| 100 | QPSK | 135 | 0 | 12.86 | | | 14.5 | 0.0 | |
| 100 | QPSK | 135 | 69 | 13.16 | | | 14.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 12.83 | | | | | |
| 100 | QPSK | 270 | 0 | 12.98 | | | 14.5 | 0.0 | |
| 100 | 16QAM | 1 | 1 | 12.80 | | | 14.5 | 0.0 | |
| 100 | 64QAM | 1 | 1 | 12.87 | | | 14.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 13.13 | | | 14.5 | 0.0 | |
| Channel | | | | 633000 | 633334 | 633668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3495 | 3500.01 | 3505.02 | (dBm) | (dB) | |
| 90 | QPSK | 1 | 1 | 12.94 | 13.08 | 12.97 | 14.5 | 0.0 | |
| Channel | | | | 632668 | 633334 | 634000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3490.02 | 3500.01 | 3510 | (dBm) | (dB) | |
| 80 | QPSK | 1 | 1 | 12.97 | 13.11 | 12.94 | 14.5 | 0.0 | |
| Channel | | | | 632334 | 633334 | 634334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3485.01 | 3500.01 | 3515.01 | (dBm) | (dB) | |
| 70 | QPSK | 1 | 1 | 12.97 | 13.02 | 12.90 | 14.5 | 0.0 | |
| Channel | | | | 632000 | 633334 | 634668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3480 | 3500.01 | 3520.02 | (dBm) | (dB) | |
| 60 | QPSK | 1 | 1 | 12.96 | 13.09 | 12.97 | 14.5 | 0.0 | |
| Channel | | | | 631668 | 633334 | 635000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3475.02 | 3500.01 | 3525 | (dBm) | (dB) | |
| 50 | QPSK | 1 | 1 | 12.89 | 13.12 | 12.93 | 14.5 | 0.0 | |
| Channel | | | | 631334 | 633334 | 635334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3470.01 | 3500.01 | 3530.01 | (dBm) | (dB) | |
| 40 | QPSK | 1 | 1 | 12.88 | 12.99 | 13.00 | 14.5 | 0.0 | |
| Channel | | | | 631000 | 633334 | 635668 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3465 | 3500.01 | 3535.02 | (dBm) | (dB) | |
| 30 | QPSK | 1 | 1 | 12.97 | 13.10 | 13.01 | 14.5 | 0.0 | |
| Channel | | | | 630668 | 633334 | 636000 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3460.02 | 3500.01 | 3540 | (dBm) | (dB) | |
| 20 | QPSK | 1 | 1 | 12.87 | 13.11 | 12.97 | 14.5 | 0.0 | |
| Channel | | | | 630300 | 633334 | 636168 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3457.5 | 3500.01 | 3542.52 | (dBm) | (dB) | |
| 15 | QPSK | 1 | 1 | 12.97 | 13.13 | 13.01 | 14.5 | 0.0 | |
| Channel | | | | 630334 | 633334 | 636334 | Tune-up limit | MPR | |
| Frequency (MHz) | | | | 3455.01 | 3500.01 | 3545.01 | (dBm) | (dB) | |
| 10 | QPSK | 1 | 1 | 12.95 | 13.12 | 13.03 | 14.5 | 0.0 | |



Reduced Power Mode for 5G NR for DSI 5_Main P/

| n7 Ant3 DSI5 | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 19.70 | 19.90 | 19.71 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 19.81 | 19.95 | 19.66 | | |
| 40 | PI/2 BPSK | 1 | 214 | 19.53 | 19.70 | 19.68 | | |
| 40 | PI/2 BPSK | 108 | 0 | 19.73 | 19.84 | 19.54 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 54 | 19.61 | 19.84 | 19.94 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 19.59 | 19.57 | 19.55 | 21.5 | 0.0 |
| 40 | PI/2 BPSK | 216 | 0 | 19.72 | 19.75 | 19.72 | | |
| 40 | QPSK | 1 | 1 | 20.03 | 20.06 | 19.97 | 21.5 | 0.0 |
| 40 | QPSK | 1 | 108 | 19.55 | 19.87 | 19.89 | | |
| 40 | QPSK | 1 | 214 | 19.55 | 19.56 | 19.54 | | |
| 40 | QPSK | 108 | 0 | 19.92 | 20.03 | 20.00 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 54 | 19.75 | 19.83 | 19.53 | 21.5 | 0.0 |
| 40 | QPSK | 108 | 108 | 19.55 | 19.66 | 19.54 | 21.5 | 0.0 |
| 40 | QPSK | 216 | 0 | 19.95 | 19.97 | 19.91 | | |
| 40 | 16QAM | 1 | 1 | 19.60 | 19.81 | 19.64 | 21.5 | 0.0 |
| 40 | 64QAM | 1 | 1 | 19.66 | 19.96 | 19.84 | 21.5 | 0.0 |
| 40 | 256QAM | 1 | 1 | 19.01 | 19.17 | 19.11 | 20.5 | 1.0 |
| Channel | | | | 503000 | 507000 | 511000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | | |
| 30 | QPSK | 1 | 1 | 19.82 | 19.88 | 19.86 | 21.5 | 0.0 |
| Channel | | | | 502500 | 507000 | 511500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 19.85 | 19.76 | 19.89 | 21.5 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | PI/2 BPSK | 1 | 1 | 19.67 | 20.00 | 19.77 | 21.5 | 0.0 |
| Channel | | | | 501500 | 507000 | 512500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 19.89 | 19.83 | 19.90 | 21.5 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 1 | 19.78 | 19.90 | 19.84 | 21.5 | 0.0 |
| Channel | | | | 500500 | 507000 | 513500 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 19.79 | 19.97 | 19.91 | 21.5 | 0.0 |



| n38 Ant3 DSI5 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 17.95 | 17.98 | 18.02 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 17.82 | 17.94 | 17.76 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 17.95 | 17.94 | 18.09 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 17.81 | 17.95 | 17.89 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 17.97 | 18.07 | 17.94 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 17.77 | 17.87 | 17.67 | 19.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 17.76 | 17.84 | 17.66 | 19.0 | 0.0 | |
| 40 | QPSK | 1 | 1 | 18.10 | 18.13 | 18.06 | | | |
| 40 | QPSK | 1 | 53 | 17.82 | 17.97 | 17.78 | | | |
| 40 | QPSK | 1 | 104 | 17.40 | 17.49 | 17.42 | 19.0 | 0.0 | |
| 40 | QPSK | 50 | 0 | 17.95 | 18.01 | 17.88 | | | |
| 40 | QPSK | 50 | 28 | 18.03 | 18.09 | 18.06 | | | |
| 40 | QPSK | 50 | 56 | 17.75 | 17.86 | 17.70 | 19.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 17.96 | 18.02 | 18.01 | | | |
| 40 | 16QAM | 1 | 1 | 17.92 | 17.92 | 17.83 | | | |
| 40 | 64QAM | 1 | 1 | 18.07 | 18.02 | 17.94 | 19.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 18.04 | 18.05 | 18.04 | 19.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 17.94 | 17.97 | 17.66 | 19.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 17.81 | 17.89 | 17.82 | 19.0 | 0.0 | |
| Channel | | | | 515502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 17.82 | 17.86 | 17.62 | 19.0 | 0.0 | |
| Channel | | | | 515004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 17.86 | 17.79 | 17.64 | 19.0 | 0.0 | |

| n41 Ant3 DSI5 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 20.27 | 20.35 | 20.35 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 20.30 | 20.09 | 20.15 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 20.12 | 20.31 | 20.35 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 20.14 | 20.24 | 20.14 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 20.22 | 20.23 | 20.06 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 20.23 | 20.35 | 20.27 | 22.0 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 20.36 | 20.25 | 20.26 | | | |
| 100 | QPSK | 1 | 1 | 20.37 | 20.45 | 20.42 | | | |
| 100 | QPSK | 1 | 137 | 20.16 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | QPSK | 1 | 271 | 20.25 | 20.24 | 20.23 | | | |
| 100 | QPSK | 135 | 0 | 20.05 | 20.34 | 20.33 | | | |
| 100 | QPSK | 135 | 69 | 20.32 | 20.38 | 20.30 | 22.0 | 0.0 | |
| 100 | QPSK | 135 | 138 | 20.11 | 20.17 | 20.01 | 22.0 | 0.0 | |
| 100 | QPSK | 270 | 0 | 20.31 | 20.33 | 20.29 | | | |
| 100 | 16QAM | 1 | 1 | 20.32 | 20.43 | 20.27 | | | |
| 100 | 64QAM | 1 | 1 | 20.19 | 20.31 | 20.20 | 22.0 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 18.91 | 19.03 | 18.90 | 20.5 | 1.5 | |
| Channel | | | | 508200 | 518598 | 528996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 20.05 | 20.22 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 20.08 | 20.22 | 20.08 | 22.0 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 20.08 | 20.09 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 20.05 | 20.11 | 20.12 | 22.0 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 20.09 | 20.11 | 20.13 | 22.0 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 20.07 | 20.18 | 20.05 | 22.0 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 20.10 | 20.16 | 20.09 | 22.0 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 20.03 | 20.15 | 20.13 | 22.0 | 0.0 | |

| n7 Ant4 DSIS | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|
| BW [MHz] | 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 | 18.0 | 0.0 |
| Frequency (MHz) | | | | 2520 | 2535 | 2550 | | |
| 40 | PI/2 BPSK | 1 | 1 | 16.66 | 16.51 | 16.50 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 1 | 108 | 16.57 | 16.54 | 16.54 | | |
| 40 | PI/2 BPSK | 1 | 214 | 16.61 | 16.56 | 16.57 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 0 | 16.25 | 16.31 | 16.40 | | |
| 40 | PI/2 BPSK | 108 | 54 | 16.66 | 16.58 | 16.65 | 18.0 | 0.0 |
| 40 | PI/2 BPSK | 108 | 108 | 16.32 | 16.57 | 16.40 | | |
| 40 | PI/2 BPSK | 216 | 0 | 16.48 | 16.62 | 16.32 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 1 | 16.69 | 16.77 | 16.72 | | |
| 40 | QPSK | 1 | 108 | 16.59 | 16.70 | 16.56 | 18.0 | 0.0 |
| 40 | QPSK | 1 | 214 | 16.40 | 16.44 | 16.31 | | |
| 40 | QPSK | 108 | 0 | 16.50 | 16.46 | 16.25 | 18.0 | 0.0 |
| 40 | QPSK | 108 | 54 | 16.63 | 16.68 | 16.56 | | |
| 40 | QPSK | 108 | 108 | 16.46 | 16.37 | 16.47 | 18.0 | 0.0 |
| 40 | QPSK | 216 | 0 | 16.58 | 16.62 | 16.61 | | |
| 40 | 16QAM | 1 | 1 | 16.20 | 16.35 | 16.21 | 18.0 | 0.0 |
| 40 | 64QAM | 1 | 1 | 16.42 | 16.40 | 16.17 | | |
| 40 | 256QAM | 1 | 1 | 16.45 | 16.46 | 16.56 | 18.0 | 0.0 |
| Channel | | | | 503000 | 507000 | 511000 | | |
| Frequency (MHz) | | | | 2515 | 2535 | 2555 | 18.0 | 0.0 |
| 30 | QPSK | 1 | 1 | 16.57 | 16.40 | 16.17 | | |
| Channel | | | | 502500 | 507000 | 511500 | 18.0 | 0.0 |
| Frequency (MHz) | | | | 2512.5 | 2535 | 2557.5 | | |
| 25 | QPSK | 1 | 1 | 16.49 | 16.38 | 16.24 | 18.0 | 0.0 |
| Channel | | | | 502000 | 507000 | 512000 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | 18.0 | 0.0 |
| 20 | PI/2 BPSK | 1 | 1 | 16.52 | 16.60 | 16.31 | | |
| Channel | | | | 501500 | 507000 | 512500 | 18.0 | 0.0 |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 1 | 16.54 | 16.64 | 16.20 | 18.0 | 0.0 |
| Channel | | | | 501000 | 507000 | 513000 | | |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | 18.0 | 0.0 |
| 10 | QPSK | 1 | 1 | 16.37 | 16.65 | 16.14 | | |
| Channel | | | | 500500 | 507000 | 513500 | 18.0 | 0.0 |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 1 | 16.35 | 16.44 | 16.26 | 18.0 | 0.0 |
| Channel | | | | 500000 | 507000 | 514000 | | |
| Frequency (MHz) | | | | 2500 | 2535 | 2570 | | |



| n38 Ant4 DSI5 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 518004 | 519000 | 519996 | | | |
| Frequency (MHz) | | | | 2590.02 | 2595 | 2599.98 | | | |
| 40 | PI/2 BPSK | 1 | 1 | 15.35 | 15.35 | 15.24 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 1 | 53 | 14.99 | 15.31 | 15.07 | | | |
| 40 | PI/2 BPSK | 1 | 104 | 15.15 | 15.41 | 15.24 | | | |
| 40 | PI/2 BPSK | 50 | 0 | 14.91 | 15.26 | 15.06 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 28 | 15.06 | 15.24 | 15.27 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 50 | 56 | 15.28 | 15.08 | 15.10 | 16.0 | 0.0 | |
| 40 | PI/2 BPSK | 100 | 0 | 15.00 | 15.26 | 14.95 | | | |
| 40 | QPSK | 1 | 1 | 15.37 | 15.45 | 15.40 | | | |
| 40 | QPSK | 1 | 53 | 15.22 | 15.16 | 15.20 | 16.0 | 0.0 | |
| 40 | QPSK | 1 | 104 | 14.79 | 14.78 | 14.83 | | | |
| 40 | QPSK | 50 | 0 | 15.04 | 15.04 | 15.21 | | | |
| 40 | QPSK | 50 | 28 | 15.38 | 15.43 | 15.41 | 16.0 | 0.0 | |
| 40 | QPSK | 50 | 56 | 14.93 | 14.92 | 14.87 | 16.0 | 0.0 | |
| 40 | QPSK | 100 | 0 | 15.31 | 15.37 | 15.36 | | | |
| 40 | 16QAM | 1 | 1 | 15.39 | 15.36 | 15.21 | | | |
| 40 | 64QAM | 1 | 1 | 15.26 | 15.14 | 15.17 | 16.0 | 0.0 | |
| 40 | 256QAM | 1 | 1 | 15.34 | 15.21 | 15.11 | 16.0 | 0.0 | |
| Channel | | | | 517002 | 519000 | 520998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2585.01 | 2595 | 2604.99 | | | |
| 30 | QPSK | 1 | 1 | 15.01 | 15.19 | 14.87 | 16.0 | 0.0 | |
| Channel | | | | 516000 | 519000 | 522000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2580 | 2595 | 2610 | | | |
| 20 | QPSK | 1 | 1 | 15.25 | 15.15 | 15.03 | 16.0 | 0.0 | |
| Channel | | | | 518502 | 519000 | 522498 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2577.51 | 2595 | 2612.49 | | | |
| 15 | QPSK | 1 | 1 | 14.98 | 15.33 | 15.03 | 16.0 | 0.0 | |
| Channel | | | | 518004 | 519000 | 522996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2575.02 | 2595 | 2614.98 | | | |
| 10 | QPSK | 1 | 1 | 14.97 | 15.19 | 14.97 | 16.0 | 0.0 | |

| n41 Ant4 DSI5 | | | | | | | | | |
|-----------------|------------|---------|-----------|-----------------------|--------------------------|------------------------|---------------------|----------|--|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) | |
| Channel | | | | 509202 | 518598 | 528000 | | | |
| Frequency (MHz) | | | | 2546.01 | 2592.99 | 2640 | | | |
| 100 | PI/2 BPSK | 1 | 1 | 16.01 | 16.16 | 16.11 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 1 | 137 | 16.00 | 16.09 | 15.99 | | | |
| 100 | PI/2 BPSK | 1 | 271 | 16.11 | 16.13 | 15.87 | | | |
| 100 | PI/2 BPSK | 135 | 0 | 15.75 | 15.85 | 15.91 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 69 | 16.09 | 16.04 | 16.04 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 135 | 138 | 15.79 | 16.09 | 16.05 | 17.5 | 0.0 | |
| 100 | PI/2 BPSK | 270 | 0 | 15.86 | 16.09 | 15.72 | | | |
| 100 | QPSK | 1 | 1 | 16.31 | 16.33 | 16.27 | | | |
| 100 | QPSK | 1 | 137 | 15.77 | 15.97 | 15.83 | 17.5 | 0.0 | |
| 100 | QPSK | 1 | 271 | 15.94 | 16.08 | 16.16 | | | |
| 100 | QPSK | 135 | 0 | 16.01 | 16.02 | 15.96 | | | |
| 100 | QPSK | 135 | 69 | 16.23 | 16.30 | 16.24 | 17.5 | 0.0 | |
| 100 | QPSK | 135 | 138 | 15.97 | 15.97 | 15.76 | 17.5 | 0.0 | |
| 100 | QPSK | 270 | 0 | 16.27 | 16.29 | 16.19 | | | |
| 100 | 16QAM | 1 | 1 | 16.01 | 15.98 | 16.06 | | | |
| 100 | 64QAM | 1 | 1 | 15.88 | 16.09 | 16.02 | 17.5 | 0.0 | |
| 100 | 256QAM | 1 | 1 | 16.08 | 16.11 | 15.91 | 17.5 | 0.0 | |
| Channel | | | | 508200 | 518598 | 528998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2541 | 2592.99 | 2644.98 | | | |
| 90 | QPSK | 1 | 1 | 16.04 | 16.00 | 15.91 | 17.5 | 0.0 | |
| Channel | | | | 507204 | 518598 | 529998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2536.02 | 2592.99 | 2649.99 | | | |
| 80 | QPSK | 1 | 1 | 16.06 | 15.91 | 15.79 | 17.5 | 0.0 | |
| Channel | | | | 506202 | 518598 | 531000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2531.01 | 2592.99 | 2655 | | | |
| 70 | QPSK | 1 | 1 | 16.03 | 15.84 | 16.03 | 17.5 | 0.0 | |
| Channel | | | | 505200 | 518598 | 531998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2526 | 2592.99 | 2659.98 | | | |
| 60 | QPSK | 1 | 1 | 15.99 | 16.04 | 15.85 | 17.5 | 0.0 | |
| Channel | | | | 504204 | 518598 | 532998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2521.02 | 2592.99 | 2664.99 | | | |
| 50 | QPSK | 1 | 1 | 16.11 | 15.91 | 15.80 | 17.5 | 0.0 | |
| Channel | | | | 503202 | 518598 | 534000 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2516.01 | 2592.99 | 2670 | | | |
| 40 | QPSK | 1 | 1 | 15.95 | 15.96 | 15.77 | 17.5 | 0.0 | |
| Channel | | | | 502200 | 518598 | 534996 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2511 | 2592.99 | 2674.98 | | | |
| 30 | QPSK | 1 | 1 | 15.89 | 15.88 | 15.83 | 17.5 | 0.0 | |
| Channel | | | | 501204 | 518598 | 535998 | Tune-up limit (dBm) | MPR (dB) | |
| Frequency (MHz) | | | | 2506.02 | 2592.99 | 2679.99 | | | |
| 20 | QPSK | 1 | 1 | 15.97 | 16.01 | 15.75 | 17.5 | 0.0 | |



Conducted Power for WLAN/Bluetooth

| Ant 16+7 | | | | Full Power&Extremity | | Head&Hotspot Simultaneous | | Head&Hotspot DBS Simultaneous | | Body worn DBS Simultaneous | | Duty Cycle % |
|--------------------|-------------------|-----------------|---------------------|----------------------|---------------------|---------------------------|---------------------|-------------------------------|---------------------|----------------------------|--------|--------------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 22.53 | 23.50 | 21.02 | 22.00 | 18.13 | 19.00 | 21.61 | 22.50 | 100.00 |
| | | 6 | 2437 | 22.45 | 23.50 | 20.98 | 22.00 | 18.05 | 19.00 | 21.52 | 22.50 | |
| | | 11 | 2462 | 22.31 | 23.50 | 20.87 | 22.00 | 18.10 | 19.00 | 21.48 | 22.50 | |
| | 802.11g 6Mbps | 1 | 2412 | 21.04 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | 99.44 |
| | | 6 | 2437 | 20.96 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | |
| | | 11 | 2462 | 20.34 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 20.47 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | 100.00 |
| | | 6 | 2437 | 20.87 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | |
| | | 11 | 2462 | 19.25 | 20.50 | | 20.50 | 19.00 | | 19.00 | 20.50 | |
| 802.11n-HT40 MCS0 | 3 | 2422 | 20.24 | 21.50 | | 21.50 | 19.00 | | 19.00 | 21.50 | 100.00 | |
| | 6 | 2437 | 20.33 | 21.50 | | 21.50 | 19.00 | | 19.00 | 21.50 | | |
| | 9 | 2452 | 18.21 | 19.50 | | 19.50 | 19.00 | | 19.00 | 19.50 | | |
| 802.11ax-HE20 MCS0 | 1 | 2412 | 20.60 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | 100.00 | |
| | 6 | 2437 | 20.96 | 22.00 | | 22.00 | 19.00 | | 19.00 | 22.00 | | |
| | 11 | 2462 | 19.43 | 21.00 | | 21.00 | 19.00 | | 19.00 | 21.00 | | |
| 802.11ax-HE40 MCS0 | 3 | 2422 | 20.34 | 21.50 | | 21.50 | 19.00 | | 19.00 | 21.50 | 100.00 | |
| | 6 | 2437 | 20.41 | 21.50 | | 21.50 | 19.00 | | 19.00 | 21.50 | | |
| | 9 | 2452 | 18.28 | 19.50 | | 19.50 | 19.00 | | 19.00 | 19.50 | | |

| Ant 6+18 | | | | Full Power&Extremity | | Head Standalone | | Head DBS Standalone | | Head Simultaneous | | Head DBS Simultaneous | | Hotspot DBS Standalone | | Hotspot Simultaneous | | Hotspot DBS Simultaneous | | Duty Cycle % | |
|--------------------|---------------------|-----------------|---------------------|----------------------|---------------------|-----------------|---------------------|---------------------|---------------------|-------------------|---------------------|-----------------------|---------------------|------------------------|---------------------|----------------------|---------------------|--------------------------|-------|--------------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | |
| 5.2GHz WLAN | 802.11a 6Mbps | 38 | 5180 | 17.84 | 19.00 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 98.99 | |
| | | 40 | 5200 | 17.82 | 19.00 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 44 | 5220 | 17.75 | 19.00 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 48 | 5240 | 17.89 | 19.00 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11n-HT20 MCS0 | 38 | 5180 | 17.58 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 40 | 5200 | 17.58 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 44 | 5220 | 17.55 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 48 | 5240 | 17.62 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11n-HT40 MCS0 | 38 | 5180 | 17.52 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 46 | 5230 | 17.46 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 36 | 5180 | 17.64 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 40 | 5200 | 17.66 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ac-VHT20 MCS0 | 44 | 5220 | 17.61 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 48 | 5240 | 17.68 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 38 | 5180 | 17.61 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 46 | 5230 | 17.47 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 17.33 | 18.50 | 15.41 | 16.50 | 14.26 | 15.50 | 12.21 | 13.50 | 9.26 | 10.50 | 16.38 | 17.50 | 14.45 | 15.50 | 11.38 | 12.50 | 12.50 | 99.11 |
| | | 36 | 5180 | 17.70 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 40 | 5200 | 17.71 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 44 | 5220 | 17.69 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ax-HE20 MCS0 | 48 | 5240 | 17.75 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 38 | 5180 | 17.63 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 46 | 5230 | 17.54 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 42 | 5210 | 17.37 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| 802.11ax-HE40 MCS0 | 42 | 5210 | 17.37 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 36 | 5180 | 17.70 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 40 | 5200 | 17.71 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 44 | 5220 | 17.69 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| 802.11ax-HE80 MCS0 | 48 | 5240 | 17.75 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 38 | 5180 | 17.63 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 46 | 5230 | 17.54 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |
| | 42 | 5210 | 17.37 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | | |

| Ant 6+18 | | | | Full Power&Extremity | | Head Standalone | | Head DBS Standalone | | Head Simultaneous | | Head DBS Simultaneous | | Body worn DBS Simultaneous | | Duty Cycle % | | | | | |
|-------------|---------------------|-----------------|---------------------|----------------------|---------------------|-----------------|---------------------|---------------------|---------------------|-------------------|---------------------|-----------------------|---------------------|----------------------------|-------|--------------|-------|-------|-------|--------|-------|
| Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | | | | | | | |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 17.21 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 98.99 | |
| | | 56 | 5280 | 17.24 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 60 | 5300 | 17.31 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 64 | 5320 | 17.31 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 17.02 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 56 | 5280 | 17.05 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 60 | 5300 | 17.12 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 64 | 5320 | 17.14 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 16.91 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 62 | 5310 | 17.00 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 52 | 5260 | 17.09 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 56 | 5280 | 17.12 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ac-VHT20 MCS0 | 60 | 5300 | 17.18 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | 100.00 | |
| | | 64 | 5320 | 17.19 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 54 | 5270 | 16.97 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 62 | 5310 | 17.07 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 16.53 | 18.00 | 15.26 | 16.50 | 14.31 | 15.50 | 12.16 | 13.50 | 9.14 | 10.50 | 16.21 | 17.50 | 14.45 | 15.50 | 11.38 | 12.50 | 12.50 | 99.11 |
| | | 50 | 5250 | 17.16 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 52 | 5260 | 17.16 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 56 | 5280 | 17.20 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | 802.11ax-HE20 MCS0 | 60 | 5300 | 17.26 | 18.50 | | 16.50 | | 15.50 | | 13.50 | | 10.50 | | 17.50 | | 15.50 | | 12.50 | | |
| | | 64 | 5320 | 17.28 | 18.50 | | 16.50 | | | | | | | | | | | | | | |



| Mode | Channel | Frequency (MHz) | Full Power&Extremity | | Head Standalone | | Head DBS Standalone | | Head Simultaneous | | Head DBS Simultaneous | | Body worn DBS Simultaneous | | Duty Cycle % |
|----------------------|---------|-----------------|----------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|-----------------------|---------------|----------------------------|---------------|--------------|
| | | | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | |
| 802.11a 6Mbps | 100 | 5500 | 19.25 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 98.99 |
| | 116 | 5580 | 19.28 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 124 | 5620 | 19.14 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 132 | 5660 | 19.12 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 140 | 5700 | 19.09 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 19.19 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 100 | 5500 | 18.87 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 116 | 5580 | 19.05 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 124 | 5620 | 18.96 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 132 | 5660 | 18.93 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 140 | 5700 | 18.84 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.90 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11n-HT20 MCS0 | 102 | 5510 | 18.86 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 100.00 |
| | 110 | 5550 | 18.84 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 126 | 5630 | 18.86 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 134 | 5670 | 18.80 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 142 | 5710 | 18.87 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.90 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11n-HT40 MCS0 | 102 | 5510 | 18.86 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 100.00 |
| | 110 | 5550 | 18.84 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 126 | 5630 | 18.86 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 134 | 5670 | 18.80 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 142 | 5710 | 18.87 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.90 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ac-VHT20 MCS0 | 100 | 5500 | 19.03 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 100.00 |
| | 116 | 5580 | 19.10 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 124 | 5620 | 18.99 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 132 | 5660 | 18.98 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 140 | 5700 | 18.88 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.94 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ac-VHT40 MCS0 | 102 | 5510 | 18.83 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 99.30 |
| | 110 | 5550 | 18.89 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 126 | 5630 | 18.95 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 134 | 5670 | 18.88 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 142 | 5710 | 18.95 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.95 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ac-VHT80 MCS0 | 106 | 5530 | 18.63 | 19.50 | 15.51 | 16.50 | 13.94 | 15.00 | 12.81 | 13.50 | 9.88 | 10.50 | 16.22 | 17.00 | 99.11 |
| | 122 | 5610 | 18.66 | 19.50 | 15.58 | 16.50 | 13.99 | 15.00 | 12.88 | 13.50 | 9.92 | 10.50 | 16.27 | 17.00 | |
| | 138 | 5690 | 18.54 | 19.50 | 15.46 | 16.50 | 13.92 | 15.00 | 12.79 | 13.50 | 9.85 | 10.50 | 16.19 | 17.00 | |
| 802.11ac-VHT160 MCS0 | 114 | 5570 | 19.08 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 99.33 |
| | 100 | 5500 | 19.10 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 116 | 5580 | 19.18 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ax-HE20 MCS0 | 124 | 5620 | 19.06 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 100.00 |
| | 132 | 5660 | 19.05 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 140 | 5700 | 18.95 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 19.02 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 102 | 5510 | 18.96 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 110 | 5550 | 18.83 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ax-HE40 MCS0 | 126 | 5630 | 18.97 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 100.00 |
| | 134 | 5670 | 18.91 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 142 | 5710 | 18.97 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 144 | 5720 | 18.95 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ax-HE80 MCS0 | 106 | 5530 | 18.68 | 19.50 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 99.16 |
| | 122 | 5610 | 18.71 | 19.50 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| | 138 | 5690 | 18.59 | 19.50 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | |
| 802.11ax-HE160 MCS0 | 114 | 5570 | 19.14 | 20.00 | | 16.50 | | 15.00 | | 13.50 | | 10.50 | | 17.00 | 99.32 |

| Mode | Channel | Frequency (MHz) | Full Power&Extremity | | Head Standalone | | Head DBS Standalone | | Head Simultaneous | | Head DBS Simultaneous | | Hotspot Standalone | | Hotspot DBS Standalone | | Hotspot Simultaneous | | Hotspot DBS Simultaneous | | Body worn DBS Simultaneous | | Duty Cycle % |
|---------------------|---------|-----------------|----------------------|---------------|---------------------|---------------|---------------------|---------------|---------------------|---------------|-----------------------|---------------|---------------------|---------------|------------------------|---------------|----------------------|---------------|--------------------------|---------------|----------------------------|---------------|--------------|
| | | | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | Average power (dBm) | Tune-Up Limit | |
| 802.11a 6Mbps | 149 | 5745 | 18.51 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 98.99 |
| | 157 | 5785 | 18.61 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11n-HT20 MCS0 | 165 | 5825 | 18.58 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 100.00 |
| | 149 | 5745 | 18.33 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| | 157 | 5785 | 18.33 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11n-HT40 MCS0 | 151 | 5755 | 18.36 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 100.00 |
| | 159 | 5795 | 18.36 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ac-VHT20 MCS0 | 149 | 5745 | 18.36 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 100.00 |
| | 157 | 5785 | 18.40 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| | 165 | 5825 | 18.40 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ac-VHT40 MCS0 | 151 | 5755 | 18.43 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 99.30 |
| | 159 | 5795 | 18.44 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ac-VHT80 MCS0 | 155 | 5775 | 17.96 | 18.00 | 15.67 | 16.50 | 14.23 | 15.00 | 12.18 | 13.00 | 9.14 | 10.00 | 17.03 | 18.00 | 16.08 | 17.00 | 14.14 | 15.00 | 11.09 | 12.00 | 15.59 | 16.50 | 99.11 |
| | 149 | 5745 | 18.43 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ax-HE20 MCS0 | 157 | 5785 | 18.46 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 100.00 |
| | 165 | 5825 | 18.48 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ax-HE40 MCS0 | 151 | 5755 | 18.47 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | 100.00 |
| | 159 | 5795 | 18.46 | 19.50 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 18.00 | | 17.00 | | 15.00 | | 12.00 | | 16.50 | |
| 802.11ax-HE80 MCS0 | 155 | 5775 | 18.04 | 18.00 | | 16.50 | | 15.00 | | 13.00 | | 10.00 | | 1 | | | | | | | | | |



BT 2.0

| Mode | Channel | Frequency (MHz) | Ant16 | | | Tune-up Limit |
|----------|---------|-----------------|---------------------|-------|-------|---------------|
| | | | Average power (dBm) | | | |
| | | | 1Mbps | 2Mbps | 3Mbps | |
| BR / EDR | CH 00 | 2402 | 13.84 | 12.79 | 12.77 | 15.00 |
| | CH 39 | 2441 | 13.74 | 12.78 | 12.59 | 15.00 |
| | CH 78 | 2480 | 12.61 | 11.77 | 11.67 | 14.00 |

BT 2.0

| Mode | Channel | Frequency (MHz) | Ant7 | | | Tune-up Limit | Head Simultaneous | | | Tune-up Limit |
|----------|---------|-----------------|---------------------|-------|-------|---------------|---------------------|-------|-------|---------------|
| | | | Average power (dBm) | | | | Average power (dBm) | | | |
| | | | 1Mbps | 2Mbps | 3Mbps | | 1Mbps | 2Mbps | 3Mbps | |
| BR / EDR | CH 00 | 2402 | 13.51 | 12.87 | 12.70 | 15.00 | 6.36 | 5.79 | 5.60 | 8.00 |
| | CH 39 | 2441 | 13.75 | 13.19 | 13.03 | 15.00 | 6.42 | 5.90 | 5.78 | 8.00 |
| | CH 78 | 2480 | 12.07 | 11.45 | 11.24 | 13.50 | 5.09 | 4.57 | 4.48 | 6.50 |

BLE_1M

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 7.49 |
| | CH 19 | 2440 | 7.33 |
| | CH 39 | 2480 | 6.52 |
| Tune-up Limit | | | 8.50 |

BLE_1M

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 7.49 |
| | CH 19 | 2440 | 7.45 |
| | CH 39 | 2480 | 6.09 |
| Tune-up Limit | | | 8.00 |

BLE_2M

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 7.43 |
| | CH 19 | 2440 | 7.17 |
| | CH 39 | 2480 | 6.50 |
| Tune-up Limit | | | 8.00 |

BLE_2M

| Mode | Channel | Frequency (MHz) | Average power (dBm) |
|---------------|---------|-----------------|---------------------|
| LE | CH 00 | 2402 | 7.42 |
| | CH 19 | 2440 | 7.47 |
| | CH 39 | 2480 | 6.28 |
| Tune-up Limit | | | 8.00 |