**<GSM Conducted Power>**

1. For DTM multi-slot class mode, the device was linked with base station simulator (Agilent E5515C) and transmit maximum power on maximum number of TX slots, i.e. one CS timeslot, and additional PS timeslots (1 for DTM class 5 and 9, 2 for DTM class 11) in one TDMA frame.
2. Agilent E5515C was used to setup the device operated under DTM mode for power measurement and SAR testing. For conducted power, the power of the burst for voice and the power of the bursts for data was reported separately in the table below, and the frame-average power is derived below to determine SAR testing.

*DTM frame average power (dBm) = 10*log [∑(power of each slot, in mW)/8]*

3. Per KDB 447498 D01v06, the maximum output power channel is used for SAR testing and for further SAR test reduction.
4. Per KDB 941225 D01v03r01, for SAR test reduction for GSM / GPRS / EDGE / DTM modes is determined by the source-based time-averaged output power including tune-up tolerance. The mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested. Therefore, the GPRS (4Tx slots) for GSM850/GSM1900 is considered as the primary mode.
5. Other configurations of GSM / GPRS / EDGE / DTM are considered as secondary modes. The 3G SAR test reduction procedure is applied, when the maximum output power and tune-up tolerance specified for production units in a secondary mode is ≤ ¼ dB higher than the primary mode, SAR measurement is not required for the secondary mode
6. Power reduction which is triggered by hotspot mode is implemented in GSM1900 band, for hotspot mode SAR testing EUT was set in reduced power mode and GPRS 4Tx slot due to its highest frame-average power.

| GSM850 | | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 128 | 189 | 251 | | 128 | 189 | 251 | |
| Frequency (MHz) | | 824.2 | 836.4 | 848.8 | | 824.2 | 836.4 | 848.8 | |
| GSM 1 Tx slot | | 31.83 | 32.22 | 32.31 | 33.20 | 22.83 | 23.22 | 23.31 | 24.20 |
| GPRS 1 Tx slot | | 31.84 | 32.25 | 32.33 | 33.20 | 22.84 | 23.25 | 23.33 | 24.20 |
| GPRS 2 Tx slots | | 29.95 | 30.19 | 30.00 | 30.20 | 23.95 | 24.19 | 24.00 | 24.20 |
| GPRS 3 Tx slots | | 27.77 | 27.97 | 28.08 | 28.20 | 23.51 | 23.71 | 23.82 | 23.94 |
| GPRS 4 Tx slots | | 26.76 | 26.97 | 26.55 | 27.20 | 23.76 | 23.97 | 23.55 | 24.20 |
| EDGE 1 Tx slot | | 26.51 | 26.69 | 26.79 | 28.00 | 17.51 | 17.69 | 17.79 | 19.00 |
| EDGE 2 Tx slots | | 24.64 | 25.07 | 25.00 | 26.50 | 18.64 | 19.07 | 19.00 | 20.50 |
| EDGE 3 Tx slots | | 22.81 | 23.14 | 23.19 | 24.50 | 18.55 | 18.88 | 18.93 | 20.24 |
| EDGE 4 Tx slots | | 21.67 | 22.22 | 22.12 | 23.50 | 18.67 | 19.22 | 19.12 | 20.50 |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 30.08 | 30.09 | 30.03 | 30.20 | 23.96 | 23.95 | 23.87 | 24.18 |
| | GPRS 1 Tx slot | 29.87 | 29.84 | 29.74 | 30.20 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 30.10 | 30.12 | 29.98 | 30.20 | 23.96 | 23.96 | 23.84 | 24.18 |
| | GPRS 1 Tx slot | 29.85 | 29.84 | 29.73 | 30.20 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 27.82 | 28.11 | 27.94 | 28.20 | 23.40 | 23.62 | 23.51 | 23.94 |
| | GPRS 2 Tx slots | 27.57 | 27.76 | 27.68 | 28.20 | | | | |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 29.67 | 30.01 | 29.65 | 30.20 | 21.87 | 22.18 | 21.86 | 22.71 |
| | EDGE 1 Tx slot | 24.83 | 25.06 | 24.85 | 26.50 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 30.07 | 30.19 | 30.02 | 30.20 | 22.11 | 22.28 | 22.10 | 22.71 |
| | EDGE 1 Tx slot | 24.52 | 24.87 | 24.66 | 26.50 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 27.21 | 27.56 | 27.24 | 28.20 | 20.44 | 20.86 | 20.70 | 21.85 |
| | EDGE 2 Tx slots | 22.55 | 23.07 | 23.13 | 24.50 | | | | |

| GSM1900 | | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | | 29.27 | 30.14 | 29.87 | 30.70 | 20.27 | 21.14 | 20.87 | 21.70 |
| GPRS 1 Tx slot | | 29.31 | 30.17 | 29.87 | 30.70 | 20.31 | 21.17 | 20.87 | 21.70 |
| GPRS 2 Tx slots | | 27.34 | 27.70 | 27.66 | 27.70 | 21.34 | 21.70 | 21.66 | 21.70 |
| GPRS 3 Tx slots | | 25.33 | 25.52 | 25.66 | 25.70 | 21.07 | 21.26 | 21.40 | 21.44 |
| GPRS 4 Tx slots | | 24.37 | 24.51 | 24.55 | 24.70 | 21.37 | 21.51 | 21.55 | 21.70 |
| EDGE 1 Tx slot | | 25.65 | 26.09 | 25.77 | 27.00 | 16.65 | 17.09 | 16.77 | 18.00 |
| EDGE 2 Tx slots | | 23.63 | 24.25 | 23.91 | 25.50 | 17.63 | 18.25 | 17.91 | 19.50 |
| EDGE 3 Tx slots | | 21.66 | 22.04 | 21.91 | 23.50 | 17.40 | 17.78 | 17.65 | 19.24 |
| EDGE 4 Tx slots | | 20.77 | 20.90 | 20.50 | 22.50 | 17.77 | 17.90 | 17.50 | 19.50 |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 27.26 | 27.70 | 27.51 | 27.70 | 21.13 | 21.66 | 21.39 | 21.68 |
| | GPRS 1 Tx slot | 27.03 | 27.66 | 27.31 | 27.70 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 27.22 | 27.59 | 27.51 | 27.70 | 21.08 | 21.59 | 21.39 | 21.68 |
| | GPRS 1 Tx slot | 26.98 | 27.63 | 27.30 | 27.70 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 25.08 | 25.55 | 25.55 | 25.70 | 20.69 | 21.28 | 21.16 | 21.44 |
| | GPRS 2 Tx slots | 24.89 | 25.53 | 25.35 | 25.70 | | | | |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 27.70 | 27.66 | 27.41 | 27.70 | 20.10 | 20.19 | 20.06 | 20.72 |
| | EDGE 1 Tx slot | 23.61 | 24.02 | 24.14 | 25.50 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 27.36 | 27.70 | 27.65 | 27.70 | 19.87 | 20.16 | 20.16 | 20.72 |
| | EDGE 1 Tx slot | 23.66 | 23.82 | 23.95 | 25.50 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 24.24 | 25.07 | 25.63 | 25.70 | 18.38 | 19.14 | 19.26 | 20.10 |
| | EDGE 2 Tx slots | 21.55 | 22.23 | 21.90 | 23.50 | | | | |

| GSM1900 | | Burst Average Power (dBm) | | | Tune-up Limit (dBm) | Frame-Average Power (dBm) | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 512 | 661 | 810 | | 512 | 661 | 810 | |
| Frequency (MHz) | | 1850.2 | 1880 | 1909.8 | | 1850.2 | 1880 | 1909.8 | |
| GSM 1 Tx slot | | 27.05 | 27.98 | 27.70 | 28.20 | 18.05 | 18.98 | 18.70 | 19.20 |
| GPRS 1 Tx slot | | 27.08 | 28.02 | 27.75 | 28.20 | 18.08 | 19.02 | 18.75 | 19.20 |
| GPRS 2 Tx slots | | 24.44 | 24.89 | 24.69 | 25.20 | 18.44 | 18.89 | 18.69 | 19.20 |
| GPRS 3 Tx slots | | 21.88 | 22.83 | 22.73 | 23.20 | 17.62 | 18.57 | 18.47 | 18.94 |
| GPRS 4 Tx slots | | 20.85 | 21.69 | 21.60 | 22.20 | 17.85 | 18.69 | 18.60 | 19.20 |
| EDGE 1 Tx slot | | 25.08 | 25.94 | 25.69 | 27.00 | 16.08 | 16.94 | 16.69 | 18.00 |
| EDGE 2 Tx slots | | 23.83 | 24.21 | 24.05 | 25.50 | 17.83 | 18.21 | 18.05 | 19.50 |
| EDGE 3 Tx slots | | 21.63 | 22.22 | 21.99 | 23.50 | 17.37 | 17.96 | 17.73 | 19.24 |
| EDGE 4 Tx slots | | 20.71 | 21.30 | 20.85 | 22.50 | 17.71 | 18.30 | 17.85 | 19.50 |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 24.45 | 24.95 | 24.71 | 25.20 | 18.37 | 18.86 | 18.61 | 19.18 |
| | GPRS 1 Tx slot | 24.34 | 24.80 | 24.55 | 25.20 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 24.46 | 24.95 | 24.68 | 25.20 | 18.37 | 18.86 | 18.59 | 19.18 |
| | GPRS 1 Tx slot | 24.31 | 24.80 | 24.55 | 25.20 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 21.83 | 22.79 | 22.75 | 23.20 | 17.53 | 18.50 | 18.46 | 18.94 |
| | GPRS 2 Tx slots | 21.77 | 22.75 | 22.71 | 23.20 | | | | |
| DTM Multi-slot class 5 | GSM 1 Tx slot | 23.88 | 24.58 | 24.64 | 25.20 | 17.71 | 18.37 | 18.32 | 19.33 |
| | EDGE 1 Tx slot | 23.58 | 24.19 | 24.01 | 25.50 | | | | |
| DTM Multi-slot class 9 | GSM 1 Tx slot | 24.09 | 24.80 | 23.70 | 25.20 | 17.83 | 18.44 | 17.77 | 19.33 |
| | EDGE 1 Tx slot | 23.59 | 24.09 | 23.88 | 25.50 | | | | |
| DTM Multi-slot class 11 | GSM 1 Tx slot | 22.01 | 22.44 | 22.48 | 23.20 | 17.46 | 18.06 | 17.88 | 19.14 |
| | EDGE 2 Tx slots | 21.57 | 22.26 | 21.96 | 23.50 | | | | |

**<WCDMA Conducted Power>**

1.The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.

2.The procedures in KDB 941225 D01v03r01 are applied for 3GPP Rel. 6 HSPA to configure the device in the required sub-test mode(s) to determine SAR test exclusion.

3.For DC-HSDPA, the device was configured according to the H-Set 12, Fixed Reference Channel (FRC) configuration in Table C.8.1.12 of 3GPP TS 34.121-1, with the primary and the secondary serving HS-DSCH Cell enabled during the power measurement.

4.Per KDB 941225 D01v03r01, for SAR testing is measured using a 12.2 kbps RMC with TPC bits configured to all "1's".

5.Per KDB 941225 D01v03r01, RMC 12.2kbps setting is used to evaluate SAR. The maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is ≤ ¼ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA, and according to the following RF output power, the output power results of the secondary modes (HSUPA, HSDPA, DC-HSDPA) are less than ¼ dB higher than the primary modes; therefore, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA.

A summary of these settings are illustrated below:

**HSDPA Setup Configuration:**

a.The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.

b.The RF path losses were compensated into the measurements.

c.A call was established between EUT and Base Station with following setting:

i. Set Gain Factors ($\beta_c$ and $\beta_d$) and parameters were set according to each
ii. Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
iii. Set RMC 12.2Kbps + HSDPA mode.
iv. Set Cell Power = -86 dBm
v. Set HS-DSCH Configuration Type to FRC (H-set 1, QPSK)
vi. Select HSDPA Uplink Parameters
vii. Set Delta ACK, Delta NACK and Delta CQI = 8
viii. Set Ack-Nack Repetition Factor to 3
ix. Set CQI Feedback Cycle (k) to 4 ms
x. Set CQI Repetition Factor to 2
xi. Power Ctrl Mode = All Up bits

d.The transmitted maximum output power was recorded.

**Table C.10.1.4: β values for transmitter characteristics tests with HS-DPCCH**

| Sub-test | $\beta_c$ | $\beta_d$ | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{HS}$ (Note1, Note 2) | CM (dB) (Note 3) | MPR (dB) (Note 3) |
|---|---|---|---|---|---|---|---|
| 1 | 2/15 | 15/15 | 64 | 2/15 | 4/15 | 0.0 | 0.0 |
| 2 | 12/15 (Note 4) | 15/15 (Note 4) | 64 | 12/15 (Note 4) | 24/15 | 1.0 | 0.0 |
| 3 | 15/15 | 8/15 | 64 | 15/8 | 30/15 | 1.5 | 0.5 |
| 4 | 15/15 | 4/15 | 64 | 15/4 | 30/15 | 1.5 | 0.5 |

Note 1: $\Delta_{ACK}$, $\Delta_{NACK}$ and $\Delta_{CQI}$ = 30/15 with $\beta_{hs} = 30/15 * \beta_c$.

Note 2: For the HS-DPCCH power mask requirement test in clause 5.2C, 5.7A, and the Error Vector Magnitude (EVM) with HS-DPCCH test in clause 5.13.1A, and HSDPA EVM with phase discontinuity in clause 5.13.1AA, $\Delta_{ACK}$ and $\Delta_{NACK}$ = 30/15 with $\beta_{hs} = 30/15 * \beta_c$, and $\Delta_{CQI}$ = 24/15 with $\beta_{hs} = 24/15 * \beta_c$.

Note 3: CM = 1 for $\beta_c/\beta_d$ =12/15, $\beta_{hs}/\beta_c$=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

Note 4: For subtest 2 the $\beta_c/\beta_d$ ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c$ = 11/15 and $\beta_d$ = 15/15.

**Setup Configuration**

**HSUPA Setup Configuration:**

a.The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration.
b.The RF path losses were compensated into the measurements.
c.A call was established between EUT and Base Station with following setting * :

i. Call Configs = 5.2B, 5.9B, 5.10B, and 5.13.2B with QPSK
ii. Set the Gain Factors ($\beta_c$ and $\beta_d$) and parameters (AG Index) were set according to each specific sub-test in the following table, C11.1.3, quoted from the TS 34.121
iii. Set Cell Power = -86 dBm
iv. Set Channel Type = 12.2k + HSPA
v. Set UE Target Power
vi. Power Ctrl Mode= Alternating bits
vii. Set and observe the E-TFCI
viii. Confirm that E-TFCI is equal to the target E-TFCI of 75 for sub-test 1, and other subtest's E-TFCI

d.The transmitted maximum output power was recorded.

**Table C.11.1.3: β values for transmitter characteristics tests with HS-DPCCH and E-DCH**

| Sub-test | $\beta_c$ | $\beta_d$ | $\beta_d$ (SF) | $\beta_c/\beta_d$ | $\beta_{HS}$ (Note1) | $\beta_{ec}$ | $\beta_{ed}$ (Note 4) (Note 5) | $\beta_{ed}$ (SF) | $\beta_{ed}$ (Codes) | CM (dB) (Note 2) | MPR (dB) (Note 2) (Note 6) | AG Index (Note 5) | E-TFCI |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 11/15 (Note 3) | 15/15 (Note 3) | 64 | 11/15 (Note 3) | 22/15 | 209/225 | 1309/225 | 4 | 1 | 1.0 | 0.0 | 20 | 75 |
| 2 | 6/15 | 15/15 | 64 | 6/15 | 12/15 | 12/15 | 94/75 | 4 | 1 | 3.0 | 2.0 | 12 | 67 |
| 3 | 15/15 | 9/15 | 64 | 15/9 | 30/15 | 30/15 | $\beta_{ed}1$: 47/15<br>$\beta_{ed}2$: 47/15 | 4<br>4 | 2 | 2.0 | 1.0 | 15 | 92 |
| 4 | 2/15 | 15/15 | 64 | 2/15 | 4/15 | 2/15 | 56/75 | 4 | 1 | 3.0 | 2.0 | 17 | 71 |
| 5 | 15/15 | 0 | - | - | 5/15 | 5/15 | 47/15 | 4 | 1 | 1.0 | 0.0 | 12 | 67 |

Note 1: For sub-test 1 to 4, $\Delta_{ACK}$, $\Delta_{NACK}$ and $\Delta_{CQI}$ = 30/15 with $\beta_{hs}$ = 30/15 * $\beta_c$. For sub-test 5, $\Delta_{ACK}$, $\Delta_{NACK}$ and $\Delta_{CQI}$ = 5/15 with $\beta_{hs}$ = 5/15 * $\beta_c$.

Note 2: CM = 1 for $\beta_c/\beta_d$ =12/15, $\beta_{hs}/\beta_c$=24/15. For all other combinations of DPDCH, DPCCH, HS- DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3: For subtest 1 the $\beta_c/\beta_d$ ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c$ = 10/15 and $\beta_d$ = 15/15.

Note 4: In case of testing by UE using E-DPDCH Physical Layer category 1, Sub-test 3 is omitted according to TS25.306 Table 5.1g.

Note 5: $\beta_{ed}$ can not be set directly; it is set by Absolute Grant Value.

Note 6: For subtests 2, 3 and 4, UE may perform E-DPDCH power scaling at max power which could results in slightly smaller MPR values.

**Setup Configuration**

**DC-HSDPA 3GPP release 8 Setup Configuration:**

a.The EUT was connected to Base Station Agilent E5515C referred to the Setup Configuration below
b.The RF path losses were compensated into the measurements.
c.A call was established between EUT and Base Station with following setting:

i. Set RMC 12.2Kbps + HSDPA mode.
ii. Set Cell Power = -25 dBm
iii. Set HS-DSCH Configuration Type to FRC (H-set 12, QPSK)
iv. Select HSDPA Uplink Parameters
v. Set Gain Factors ($\beta_c$ and $\beta_d$) and parameters were set according to each Specific sub-test in the following table, C10.1.4, quoted from the TS 34.121
   a). Subtest 1: $\beta_c/\beta_d$=2/15
   b). Subtest 2: $\beta_c/\beta_d$=12/15
   c). Subtest 3: $\beta_c/\beta_d$=15/8
   d). Subtest 4: $\beta_c/\beta_d$=15/4
vi. Set Delta ACK, Delta NACK and Delta CQI = 8
vii. Set Ack-Nack Repetition Factor to 3
viii. Set CQI Feedback Cycle (k) to 4 ms
ix. Set CQI Repetition Factor to 2
x. Power Ctrl Mode = All Up bits

d.The transmitted maximum output power was recorded.

The following tests were conducted according to the test requirements outlines in 3GPP TS 34.121 specification.
A summary of these settings are illustrated below:

## C.8.1.12 Fixed Reference Channel Definition H-Set 12

**Table C.8.1.12: Fixed Reference Channel H-Set 12**

| Parameter | Unit | Value |
|---|---|---|
| Nominal Avg. Inf. Bit Rate | kbps | 60 |
| Inter-TTI Distance | TTI's | 1 |
| Number of HARQ Processes | Proces ses | 6 |
| Information Bit Payload ( $N_{INF}$ ) | Bits | 120 |
| Number Code Blocks | Blocks | 1 |
| Binary Channel Bits Per TTI | Bits | 960 |
| Total Available SML's in UE | SML's | 19200 |
| Number of SML's per HARQ Proc. | SML's | 3200 |
| Coding Rate | | 0.15 |
| Number of Physical Channel Codes | Codes | 1 |
| Modulation | | QPSK |
| Note 1: The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table. | | |
| Note 2: Maximum number of transmission is limited to 1, i.e., retransmission is not allowed. The redundancy and constellation version 0 shall be used. | | |

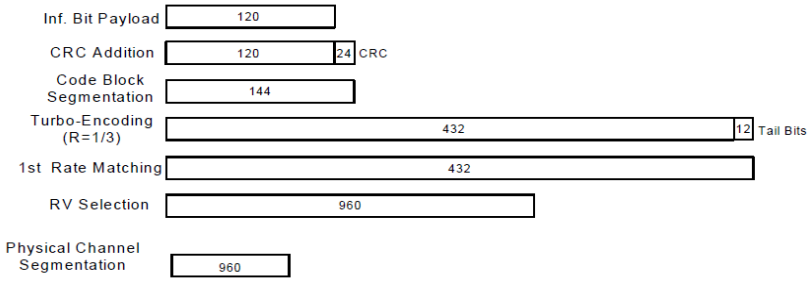



**Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)**

**Setup Configuration**

| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) | WCDMA V | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 9262 | 9400 | 9538 | | 1312 | 1413 | 1513 | | 4132 | 4182 | 4233 | |
| Rx Channel | | 9662 | 9800 | 9938 | | 1537 | 1638 | 1738 | | 4357 | 4407 | 4458 | |
| Frequency (MHz) | | 1852.4 | 1880 | 1907.6 | | 1712.4 | 1732.6 | 1752.6 | | 826.4 | 836.4 | 846.6 | |
| 3GPP Rel 99 | AMR 12.2Kbps | 23.18 | 23.46 | 23.43 | 23.70 | 23.25 | 23.33 | 23.28 | 23.70 | 24.45 | 24.64 | 24.65 | 24.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 23.20 | 23.47 | 23.45 | 23.70 | 23.29 | 23.35 | 23.31 | 23.70 | 24.46 | 24.64 | 24.66 | 24.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 22.47 | 22.86 | 22.71 | 23.00 | 22.68 | 22.68 | 22.56 | 23.00 | 23.49 | 23.65 | 23.68 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 22.45 | 22.83 | 22.71 | 23.00 | 22.67 | 22.67 | 22.58 | 23.00 | 23.45 | 23.63 | 23.69 | 24.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 21.88 | 22.33 | 22.19 | 22.50 | 22.17 | 22.15 | 22.05 | 22.50 | 22.95 | 23.17 | 23.13 | 23.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 21.90 | 22.33 | 22.16 | 22.50 | 22.17 | 22.16 | 22.05 | 22.50 | 22.99 | 23.18 | 23.15 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 22.48 | 22.93 | 22.75 | 23.00 | 22.78 | 22.62 | 22.61 | 23.00 | 23.57 | 23.62 | 23.76 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 22.48 | 22.81 | 22.61 | 23.00 | 22.59 | 22.58 | 22.64 | 23.00 | 23.38 | 23.69 | 23.60 | 24.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 21.87 | 22.31 | 22.20 | 22.50 | 22.19 | 22.21 | 22.01 | 22.50 | 23.04 | 23.27 | 23.21 | 23.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 21.83 | 22.24 | 22.07 | 22.50 | 22.14 | 22.21 | 22.04 | 22.50 | 23.01 | 23.11 | 23.05 | 23.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 22.36 | 22.83 | 22.69 | 23.00 | 22.63 | 22.67 | 22.56 | 23.00 | 23.51 | 23.64 | 23.67 | 24.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 20.37 | 20.81 | 20.71 | 21.00 | 20.64 | 20.68 | 20.57 | 21.00 | 21.52 | 21.67 | 21.65 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 21.36 | 21.84 | 21.71 | 22.00 | 21.63 | 21.68 | 21.56 | 22.00 | 22.50 | 22.64 | 22.66 | 23.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 20.39 | 20.82 | 20.72 | 21.00 | 20.66 | 20.67 | 20.58 | 21.00 | 21.52 | 21.65 | 21.67 | 22.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 22.40 | 22.90 | 22.70 | 23.00 | 22.70 | 22.70 | 22.60 | 23.00 | 23.50 | 23.70 | 23.30 | 24.00 |

| Band | | WCDMA II | | | Tune-up Limit (dBm) | WCDMA IV | | | Tune-up Limit (dBm) |
|---|---|---|---|---|---|---|---|---|---|
| TX Channel | | 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 | 18.36 | 18.55 | 18.63 | 18.70 | 18.50 | 18.41 | 18.31 | 18.70 |
| 3GPP Rel 99 | RMC 12.2Kbps | 18.38 | 18.57 | 18.67 | 18.70 | 18.54 | 18.42 | 18.35 | 18.70 |
| 3GPP Rel 6 | HSDPA Subtest-1 | 17.41 | 17.75 | 17.70 | 18.00 | 17.85 | 17.71 | 17.53 | 18.00 |
| 3GPP Rel 6 | HSDPA Subtest-2 | 17.40 | 17.77 | 17.69 | 18.00 | 17.83 | 17.71 | 17.54 | 18.00 |
| 3GPP Rel 6 | HSDPA Subtest-3 | 16.93 | 17.26 | 17.19 | 17.50 | 17.37 | 17.22 | 17.03 | 17.50 |
| 3GPP Rel 6 | HSDPA Subtest-4 | 16.90 | 17.24 | 17.19 | 17.50 | 17.40 | 17.15 | 16.99 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-1 | 17.45 | 17.67 | 17.74 | 18.00 | 17.86 | 17.79 | 17.47 | 18.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-2 | 17.46 | 17.87 | 17.70 | 18.00 | 17.84 | 17.61 | 17.51 | 18.00 |
| 3GPP Rel 8 | DC-HSDPA Subtest-3 | 16.92 | 17.17 | 17.14 | 17.50 | 17.32 | 17.13 | 17.08 | 17.50 |
| 3GPP Rel 8 | DC-HSDPA Subtest-4 | 16.81 | 17.34 | 17.24 | 17.50 | 17.31 | 17.06 | 16.96 | 17.50 |
| 3GPP Rel 6 | HSUPA Subtest-1 | 17.41 | 17.74 | 17.73 | 18.00 | 17.87 | 17.73 | 17.56 | 18.00 |
| 3GPP Rel 6 | HSUPA Subtest-2 | 15.44 | 15.73 | 15.69 | 16.00 | 15.87 | 15.74 | 15.58 | 16.00 |
| 3GPP Rel 6 | HSUPA Subtest-3 | 16.41 | 16.78 | 16.70 | 17.00 | 16.86 | 16.65 | 16.55 | 17.00 |
| 3GPP Rel 6 | HSUPA Subtest-4 | 15.39 | 15.80 | 15.72 | 16.00 | 15.91 | 15.73 | 15.57 | 16.00 |
| 3GPP Rel 6 | HSUPA Subtest-5 | 17.40 | 17.80 | 17.70 | 18.00 | 17.80 | 17.70 | 17.50 | 18.00 |

## <LTE Conducted Power>

**General Note:**

1. Anritsu MT8820C base station simulator was used to setup the connection with EUT; the frequency band, channel bandwidth, RB allocation configuration, modulation type are set in the base station simulator to configure EUT transmitting at maximum power and at different configurations which are requested to be reported to FCC, for conducted power measurement and SAR testing.

2. Per KDB 941225 D05v02r05, when a properly configured base station simulator is used for the SAR and power measurements, spectrum plots for each RB allocation and offset configuration is not required.

3. Per KDB 941225 D05v02r05, start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.

4. Per KDB 941225 D05v02r05, 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure.

5. Per KDB 941225 D05v02r05, For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

6. Per KDB 941225 D05v02r05, 16QAM output power for each RB allocation configuration is > not ½ dB higher than the same configuration in QPSK and the reported SAR for the QPSK configuration is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, 16QAM SAR testing is not required.

7. Per KDB 941225 D05v02r05, Smaller bandwidth output power for each RB allocation configuration is > not ½ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg; Per KDB 941225 D05v02r05, smaller bandwidth SAR testing is not required.

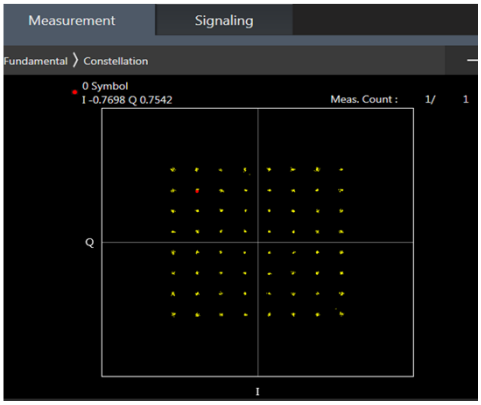
8. For LTE B12/B26 the maximum bandwidth does not support three non-overlapping channels, per KDB 941225 D05v02r05, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

9. LTE band 2/4/5/17 SAR test was covered by Band 25/66/26/17; according to April 2015 TCB workshop, SAR test for overlapping LTE bands can be reduced if

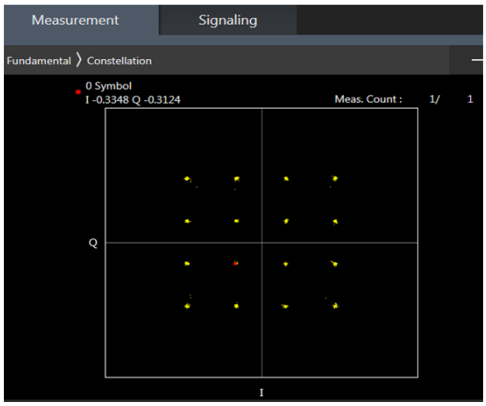
a. the maximum output power, including tolerance, for the smaller band is ≤ the larger band to qualify for the SAR test exclusion

b. the channel bandwidth and other operating parameters for the smaller band are fully supported by the larger band

10. According to 2017 TCB workshop, for 64 QAM and 16 QAM should be verified by checking the signal constellation with a call box to avoid incorrect maximum power levels due to MPR and other requirements associated with signal modulation, and the following figure is taken from the "Fundamental Measurement >> Modulation Analysis >> constellation" mode of the device connect to the MT8821C base station, therefore, the device 64QAM and 16QAM signal modulation are correct.




**64QAM**




**16QAM**

## Band 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 24.16 | 24.23 | 24.32 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 24.12 | 24.22 | 24.25 | | |
| 20 | QPSK | 1 | 99 | 24.09 | 24.23 | 24.24 | | |
| 20 | QPSK | 50 | 0 | 23.22 | 23.28 | 23.36 | 24 | 1 |
| 20 | QPSK | 50 | 24 | 23.27 | 23.30 | 23.46 | | |
| 20 | QPSK | 50 | 50 | 23.28 | 23.37 | 23.47 | | |
| 20 | QPSK | 100 | 0 | 23.28 | 23.28 | 23.37 | | |
| 20 | 16QAM | 1 | 0 | 23.07 | 23.06 | 23.13 | 24 | 1 |
| 20 | 16QAM | 1 | 49 | 23.00 | 23.08 | 23.13 | | |
| 20 | 16QAM | 1 | 99 | 23.01 | 23.02 | 23.13 | | |
| 20 | 16QAM | 50 | 0 | 21.73 | 21.80 | 21.86 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 21.81 | 21.83 | 22.00 | | |
| 20 | 16QAM | 50 | 50 | 21.80 | 21.91 | 21.99 | | |
| 20 | 16QAM | 100 | 0 | 21.79 | 21.80 | 21.92 | | |
| 20 | 64QAM | 1 | 0 | 21.95 | 21.94 | 21.99 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 21.87 | 22.05 | 21.90 | | |
| 20 | 64QAM | 1 | 99 | 21.86 | 22.06 | 22.02 | | |
| 20 | 64QAM | 50 | 0 | 20.76 | 20.83 | 20.91 | 22 | 3 |
| 20 | 64QAM | 50 | 24 | 20.84 | 20.83 | 20.99 | | |
| 20 | 64QAM | 50 | 50 | 20.81 | 20.90 | 21.00 | | |
| 20 | 64QAM | 100 | 0 | 20.82 | 20.84 | 20.92 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 24.13 | 24.22 | 24.30 | 25 | 0 |
| 15 | QPSK | 1 | 37 | 24.13 | 24.20 | 24.31 | | |
| 15 | QPSK | 1 | 74 | 24.10 | 24.20 | 24.28 | | |
| 15 | QPSK | 36 | 0 | 23.21 | 23.27 | 23.38 | 24 | 1 |
| 15 | QPSK | 36 | 20 | 23.30 | 23.36 | 23.40 | | |
| 15 | QPSK | 36 | 39 | 23.28 | 23.37 | 23.48 | | |
| 15 | QPSK | 75 | 0 | 23.28 | 23.28 | 23.39 | | |
| 15 | 16QAM | 1 | 0 | 23.02 | 23.10 | 23.22 | 24 | 1 |
| 15 | 16QAM | 1 | 37 | 23.00 | 23.10 | 23.16 | | |
| 15 | 16QAM | 1 | 74 | 23.04 | 23.06 | 23.20 | | |
| 15 | 16QAM | 36 | 0 | 21.68 | 21.77 | 21.89 | 23 | 2 |
| 15 | 16QAM | 36 | 20 | 21.80 | 21.89 | 21.91 | | |
| 15 | 16QAM | 36 | 39 | 21.79 | 21.91 | 21.96 | | |
| 15 | 16QAM | 75 | 0 | 21.79 | 21.80 | 21.82 | | |
| 15 | 64QAM | 1 | 0 | 21.95 | 21.97 | 21.89 | 23 | 2 |
| 15 | 64QAM | 1 | 37 | 21.91 | 21.98 | 21.95 | | |
| 15 | 64QAM | 1 | 74 | 22.05 | 22.03 | 21.93 | | |
| 15 | 64QAM | 36 | 0 | 20.89 | 20.83 | 21.04 | 22 | 3 |
| 15 | 64QAM | 36 | 20 | 20.83 | 20.93 | 20.98 | | |
| 15 | 64QAM | 36 | 39 | 20.85 | 20.93 | 20.89 | | |
| 15 | 64QAM | 75 | 0 | 20.96 | 20.82 | 20.93 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 23.88 | 23.92 | 24.09 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 23.85 | 23.93 | 24.05 | | |
| 10 | QPSK | 1 | 49 | 23.88 | 23.97 | 24.11 | | |
| 10 | QPSK | 25 | 0 | 22.98 | 23.02 | 23.13 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 23.03 | 23.04 | 23.15 | | |
| 10 | QPSK | 25 | 25 | 23.01 | 23.13 | 23.25 | | |
| 10 | QPSK | 50 | 0 | 23.05 | 23.05 | 23.15 | | |
| 10 | 16QAM | 1 | 0 | 22.80 | 22.82 | 22.96 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 22.76 | 22.88 | 22.97 | | |
| 10 | 16QAM | 1 | 49 | 22.76 | 22.86 | 22.97 | | |
| 10 | 16QAM | 25 | 0 | 21.52 | 21.53 | 21.63 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 21.57 | 21.57 | 21.68 | | |
| 10 | 16QAM | 25 | 25 | 21.53 | 21.63 | 21.76 | | |
| 10 | 16QAM | 50 | 0 | 21.56 | 21.58 | 21.70 | | |
| 10 | 64QAM | 1 | 0 | 21.70 | 21.63 | 21.78 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 21.68 | 21.79 | 21.91 | | |
| 10 | 64QAM | 1 | 49 | 21.64 | 21.78 | 21.89 | | |
| 10 | 64QAM | 25 | 0 | 20.55 | 20.57 | 20.67 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 20.57 | 20.60 | 20.71 | | |
| 10 | 64QAM | 25 | 25 | 20.57 | 20.69 | 20.79 | | |
| 10 | 64QAM | 50 | 0 | 20.58 | 20.62 | 20.71 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 23.89 | 23.91 | 24.11 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 23.94 | 24.01 | 24.18 | | |
| 5 | QPSK | 1 | 24 | 23.89 | 24.04 | 24.16 | | |
| 5 | QPSK | 12 | 0 | 23.00 | 23.03 | 23.20 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 23.05 | 23.15 | 23.24 | | |
| 5 | QPSK | 12 | 13 | 23.02 | 23.16 | 23.21 | | |
| 5 | QPSK | 25 | 0 | 23.01 | 23.04 | 23.20 | | |
| 5 | 16QAM | 1 | 0 | 22.77 | 22.74 | 22.92 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 22.75 | 22.85 | 22.96 | | |
| 5 | 16QAM | 1 | 24 | 22.78 | 22.89 | 23.02 | | |
| 5 | 16QAM | 12 | 0 | 21.54 | 21.55 | 21.74 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.59 | 21.69 | 21.80 | | |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.68 | 21.74 | | |
| 5 | 16QAM | 25 | 0 | 21.54 | 21.55 | 21.76 | | |
| 5 | 64QAM | 1 | 0 | 21.65 | 21.68 | 21.86 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.70 | 21.77 | 21.85 | | |
| 5 | 64QAM | 1 | 24 | 21.70 | 21.82 | 21.90 | | |
| 5 | 64QAM | 12 | 0 | 20.57 | 20.61 | 20.81 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.61 | 20.72 | 20.85 | | |
| 5 | 64QAM | 12 | 13 | 20.58 | 20.71 | 20.82 | | |
| 5 | 64QAM | 25 | 0 | 20.53 | 20.60 | 20.76 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 23.90 | 23.90 | 24.14 | 25 | 0 |
| 3 | QPSK | 1 | 8 | 23.98 | 24.04 | 24.24 | | |
| 3 | QPSK | 1 | 14 | 23.90 | 23.99 | 24.21 | | |
| 3 | QPSK | 8 | 0 | 23.01 | 23.06 | 23.25 | 24 | 1 |
| 3 | QPSK | 8 | 4 | 23.05 | 23.12 | 23.27 | | |
| 3 | QPSK | 8 | 7 | 23.02 | 23.11 | 23.22 | | |
| 3 | QPSK | 15 | 0 | 23.02 | 23.12 | 23.25 | | |
| 3 | 16QAM | 1 | 0 | 22.72 | 22.78 | 22.96 | 24 | 1 |
| 3 | 16QAM | 1 | 8 | 22.82 | 22.93 | 23.02 | | |
| 3 | 16QAM | 1 | 14 | 22.75 | 22.88 | 23.03 | | |
| 3 | 16QAM | 8 | 0 | 21.58 | 21.62 | 21.80 | 23 | 2 |
| 3 | 16QAM | 8 | 4 | 21.62 | 21.71 | 21.82 | | |
| 3 | 16QAM | 8 | 7 | 21.58 | 21.68 | 21.83 | | |
| 3 | 16QAM | 15 | 0 | 21.56 | 21.64 | 21.80 | | |
| 3 | 64QAM | 1 | 0 | 21.68 | 21.67 | 21.84 | 23 | 2 |
| 3 | 64QAM | 1 | 8 | 21.76 | 21.82 | 21.98 | | |
| 3 | 64QAM | 1 | 14 | 21.73 | 21.81 | 21.89 | | |
| 3 | 64QAM | 8 | 0 | 20.58 | 20.64 | 20.80 | 22 | 3 |
| 3 | 64QAM | 8 | 4 | 20.62 | 20.72 | 20.85 | | |
| 3 | 64QAM | 8 | 7 | 20.61 | 20.73 | 20.82 | | |
| 3 | 64QAM | 15 | 0 | 20.57 | 20.69 | 20.78 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.83 | 23.93 | 24.07 | 25 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.89 | 24.03 | 24.17 | | |
| 1.4 | QPSK | 1 | 5 | 23.83 | 23.93 | 24.11 | | |
| 1.4 | QPSK | 3 | 0 | 23.89 | 23.98 | 24.12 | | |
| 1.4 | QPSK | 3 | 1 | 23.90 | 23.99 | 24.16 | | |
| 1.4 | QPSK | 3 | 3 | 23.89 | 23.96 | 24.14 | | |
| 1.4 | QPSK | 6 | 0 | 22.95 | 23.06 | 23.16 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.67 | 22.80 | 22.91 | 24 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.76 | 22.82 | 22.98 | | |
| 1.4 | 16QAM | 1 | 5 | 22.67 | 22.77 | 22.93 | | |
| 1.4 | 16QAM | 3 | 0 | 22.49 | 22.56 | 22.68 | | |
| 1.4 | 16QAM | 3 | 1 | 22.53 | 22.61 | 22.71 | | |
| 1.4 | 16QAM | 3 | 3 | 22.46 | 22.61 | 22.67 | | |
| 1.4 | 16QAM | 6 | 0 | 21.56 | 21.66 | 21.77 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.61 | 21.72 | 21.84 | 23 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.70 | 21.78 | 21.93 | | |
| 1.4 | 64QAM | 1 | 5 | 21.59 | 21.72 | 21.84 | | |
| 1.4 | 64QAM | 3 | 0 | 21.58 | 21.69 | 21.78 | | |
| 1.4 | 64QAM | 3 | 1 | 21.64 | 21.74 | 21.83 | | |
| 1.4 | 64QAM | 3 | 3 | 21.60 | 21.68 | 21.78 | | |
| 1.4 | 64QAM | 6 | 0 | 20.46 | 20.59 | 20.70 | 22 | 3 |

| Band 4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 24.56 | 24.53 | 24.52 | | |
| 20 | QPSK | 1 | 49 | 24.35 | 24.31 | 24.36 | 25 | 0 |
| 20 | QPSK | 1 | 99 | 24.36 | 24.36 | 24.33 | | |
| 20 | QPSK | 50 | 0 | 23.62 | 23.58 | 23.62 | | |
| 20 | QPSK | 50 | 24 | 23.62 | 23.58 | 23.55 | 24 | 1 |
| 20 | QPSK | 50 | 50 | 23.53 | 23.48 | 23.52 | | |
| 20 | QPSK | 100 | 0 | 23.60 | 23.59 | 23.51 | | |
| 20 | 16QAM | 1 | 0 | 23.42 | 23.39 | 23.34 | | |
| 20 | 16QAM | 1 | 49 | 23.27 | 23.24 | 23.24 | 24 | 1 |
| 20 | 16QAM | 1 | 99 | 23.26 | 23.29 | 23.24 | | |
| 20 | 16QAM | 50 | 0 | 22.15 | 22.13 | 22.13 | | |
| 20 | 16QAM | 50 | 24 | 22.17 | 22.12 | 22.08 | 23 | 2 |
| 20 | 16QAM | 50 | 50 | 22.08 | 22.04 | 22.06 | | |
| 20 | 16QAM | 100 | 0 | 22.12 | 22.13 | 22.07 | | |
| 20 | 64QAM | 1 | 0 | 21.79 | 22.28 | 22.21 | | |
| 20 | 64QAM | 1 | 49 | 22.12 | 22.07 | 22.06 | 23 | 2 |
| 20 | 64QAM | 1 | 99 | 22.14 | 22.13 | 22.09 | | |
| 20 | 64QAM | 50 | 0 | 21.17 | 21.14 | 21.17 | | |
| 20 | 64QAM | 50 | 24 | 21.17 | 21.13 | 21.09 | 22 | 3 |
| 20 | 64QAM | 50 | 50 | 21.08 | 21.05 | 21.09 | | |
| 20 | 64QAM | 100 | 0 | 21.15 | 21.14 | 21.08 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 24.55 | 24.54 | 24.54 | | |
| 15 | QPSK | 1 | 37 | 24.42 | 24.34 | 24.43 | 25 | 0 |
| 15 | QPSK | 1 | 74 | 24.39 | 24.33 | 24.39 | | |
| 15 | QPSK | 36 | 0 | 23.62 | 23.58 | 23.61 | | |
| 15 | QPSK | 36 | 20 | 23.59 | 23.59 | 23.60 | 24 | 1 |
| 15 | QPSK | 36 | 39 | 23.55 | 23.51 | 23.54 | | |
| 15 | QPSK | 75 | 0 | 23.60 | 23.60 | 23.54 | | |
| 15 | 16QAM | 1 | 0 | 23.38 | 23.40 | 23.39 | | |
| 15 | 16QAM | 1 | 37 | 23.28 | 23.31 | 23.27 | 24 | 1 |
| 15 | 16QAM | 1 | 74 | 23.24 | 23.21 | 23.25 | | |
| 15 | 16QAM | 36 | 0 | 22.14 | 22.10 | 22.15 | | |
| 15 | 16QAM | 36 | 20 | 22.13 | 22.12 | 22.14 | 23 | 2 |
| 15 | 16QAM | 36 | 39 | 22.10 | 22.04 | 22.06 | | |
| 15 | 16QAM | 75 | 0 | 22.17 | 22.12 | 22.06 | | |
| 15 | 64QAM | 1 | 0 | 21.99 | 22.28 | 22.30 | | |
| 15 | 64QAM | 1 | 37 | 22.20 | 22.10 | 22.24 | 23 | 2 |
| 15 | 64QAM | 1 | 74 | 22.08 | 22.06 | 22.14 | | |
| 15 | 64QAM | 36 | 0 | 21.15 | 21.16 | 21.17 | | |
| 15 | 64QAM | 36 | 20 | 21.17 | 21.14 | 21.19 | 22 | 3 |
| 15 | 64QAM | 36 | 39 | 21.11 | 21.09 | 21.11 | | |
| 15 | 64QAM | 75 | 0 | 21.17 | 21.13 | 21.09 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 24.23 | 24.23 | 24.29 | | |
| 10 | QPSK | 1 | 25 | 24.21 | 24.19 | 24.29 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 24.24 | 24.21 | 24.23 | | |
| 10 | QPSK | 25 | 0 | 23.34 | 23.28 | 23.31 | | |
| 10 | QPSK | 25 | 12 | 23.38 | 23.36 | 23.34 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.37 | 23.36 | 23.39 | | |
| 10 | QPSK | 50 | 0 | 23.39 | 23.36 | 23.34 | | |
| 10 | 16QAM | 1 | 0 | 23.11 | 23.10 | 23.15 | | |
| 10 | 16QAM | 1 | 25 | 23.10 | 23.08 | 23.14 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 23.10 | 23.09 | 23.12 | | |
| 10 | 16QAM | 25 | 0 | 21.89 | 21.82 | 21.82 | | |
| 10 | 16QAM | 25 | 12 | 21.92 | 21.91 | 21.87 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 21.91 | 21.90 | 21.91 | | |
| 10 | 16QAM | 50 | 0 | 21.93 | 21.88 | 21.84 | | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.95 | 22.01 | | |
| 10 | 64QAM | 1 | 25 | 22.02 | 22.01 | 22.05 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 21.99 | 21.97 | 22.02 | | |
| 10 | 64QAM | 25 | 0 | 20.92 | 20.84 | 20.87 | | |
| 10 | 64QAM | 25 | 12 | 20.96 | 20.94 | 20.91 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 20.93 | 20.92 | 20.93 | | |
| 10 | 64QAM | 50 | 0 | 20.95 | 20.90 | 20.89 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 24.25 | 24.11 | 24.26 | | |
| 5 | QPSK | 1 | 12 | 24.29 | 24.30 | 24.30 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.26 | 24.29 | 24.28 | | |
| 5 | QPSK | 12 | 0 | 23.34 | 23.25 | 23.34 | | |
| 5 | QPSK | 12 | 7 | 23.38 | 23.36 | 23.43 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.37 | 23.33 | 23.38 | | |
| 5 | QPSK | 25 | 0 | 23.34 | 23.35 | 23.34 | | |
| 5 | 16QAM | 1 | 0 | 23.08 | 22.99 | 23.11 | | |
| 5 | 16QAM | 1 | 12 | 23.07 | 23.07 | 23.08 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 23.08 | 23.06 | 23.08 | | |
| 5 | 16QAM | 12 | 0 | 21.92 | 21.78 | 21.89 | | |
| 5 | 16QAM | 12 | 7 | 21.94 | 21.90 | 21.93 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 21.92 | 21.90 | 21.90 | | |
| 5 | 16QAM | 25 | 0 | 21.94 | 21.86 | 21.89 | | |
| 5 | 64QAM | 1 | 0 | 21.85 | 21.90 | 22.03 | | |
| 5 | 64QAM | 1 | 12 | 21.99 | 21.94 | 21.94 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 22.02 | 21.98 | 21.97 | | |
| 5 | 64QAM | 12 | 0 | 20.96 | 20.87 | 20.94 | | |
| 5 | 64QAM | 12 | 7 | 21.02 | 20.95 | 20.96 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.97 | 20.93 | 20.97 | | |
| 5 | 64QAM | 25 | 0 | 20.92 | 20.90 | 20.89 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 24.27 | 24.16 | 24.24 | | |
| 3 | QPSK | 1 | 8 | 24.34 | 24.28 | 24.31 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.24 | 24.26 | 24.28 | | |
| 3 | QPSK | 8 | 0 | 23.36 | 23.23 | 23.34 | | |
| 3 | QPSK | 8 | 4 | 23.39 | 23.37 | 23.36 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.37 | 23.32 | 23.33 | | |
| 3 | QPSK | 15 | 0 | 23.37 | 23.31 | 23.35 | | |
| 3 | 16QAM | 1 | 0 | 23.09 | 22.94 | 23.10 | | |
| 3 | 16QAM | 1 | 8 | 23.18 | 23.12 | 23.13 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 23.14 | 23.07 | 23.08 | | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.85 | 21.91 | | |
| 3 | 16QAM | 8 | 4 | 21.96 | 21.93 | 21.96 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 21.96 | 21.90 | 21.92 | | |
| 3 | 16QAM | 15 | 0 | 21.93 | 21.86 | 21.90 | | |
| 3 | 64QAM | 1 | 0 | 21.95 | 21.90 | 21.99 | | |
| 3 | 64QAM | 1 | 8 | 22.08 | 22.04 | 22.04 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 22.04 | 21.97 | 22.00 | | |
| 3 | 64QAM | 8 | 0 | 20.95 | 20.85 | 20.93 | | |
| 3 | 64QAM | 8 | 4 | 20.99 | 20.95 | 20.96 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.95 | 20.92 | 20.93 | | |
| 3 | 64QAM | 15 | 0 | 20.94 | 20.90 | 20.91 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.14 | 24.13 | 24.17 | | |
| 1.4 | QPSK | 1 | 3 | 24.21 | 24.23 | 24.23 | | |
| 1.4 | QPSK | 1 | 5 | 24.16 | 24.18 | 24.19 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 24.21 | 24.18 | 24.19 | | |
| 1.4 | QPSK | 3 | 1 | 24.23 | 24.19 | 24.22 | | |
| 1.4 | QPSK | 3 | 3 | 24.23 | 24.18 | 24.19 | | |
| 1.4 | QPSK | 6 | 0 | 23.32 | 23.25 | 23.25 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.98 | 23.00 | 22.97 | | |
| 1.4 | 16QAM | 1 | 3 | 23.07 | 23.07 | 23.04 | | |
| 1.4 | 16QAM | 1 | 5 | 23.02 | 22.99 | 23.00 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.79 | 22.77 | 22.81 | | |
| 1.4 | 16QAM | 3 | 1 | 22.83 | 22.82 | 22.83 | | |
| 1.4 | 16QAM | 3 | 3 | 22.79 | 22.76 | 22.78 | | |
| 1.4 | 16QAM | 6 | 0 | 21.90 | 21.87 | 21.89 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.85 | 21.88 | 21.90 | | |
| 1.4 | 64QAM | 1 | 3 | 22.02 | 21.98 | 21.98 | | |
| 1.4 | 64QAM | 1 | 5 | 21.94 | 21.89 | 21.88 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.92 | 21.90 | 21.90 | | |
| 1.4 | 64QAM | 3 | 1 | 21.96 | 21.93 | 21.95 | | |
| 1.4 | 64QAM | 3 | 3 | 21.91 | 21.86 | 21.91 | | |
| 1.4 | 64QAM | 6 | 0 | 20.82 | 20.78 | 20.81 | 22 | 3 |

| Band 5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.27 | 24.51 | 24.53 | | |
| 10 | QPSK | 1 | 25 | 24.14 | 24.48 | 24.02 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 24.12 | 24.42 | 24.28 | | |
| 10 | QPSK | 25 | 0 | 23.33 | 23.58 | 23.58 | | |
| 10 | QPSK | 25 | 12 | 23.33 | 23.55 | 23.17 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.31 | 23.56 | 23.05 | | |
| 10 | QPSK | 50 | 0 | 23.34 | 23.56 | 23.29 | | |
| 10 | 16QAM | 1 | 0 | 23.16 | 23.39 | 23.38 | | |
| 10 | 16QAM | 1 | 25 | 23.05 | 23.35 | 23.23 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 23.05 | 23.30 | 23.26 | | |
| 10 | 16QAM | 25 | 0 | 21.83 | 22.08 | 22.06 | | |
| 10 | 16QAM | 25 | 12 | 21.87 | 22.07 | 22.05 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 21.81 | 22.09 | 21.96 | | |
| 10 | 16QAM | 50 | 0 | 21.84 | 22.08 | 22.04 | | |
| 10 | 64QAM | 1 | 0 | 22.04 | 22.20 | 22.24 | | |
| 10 | 64QAM | 1 | 25 | 21.97 | 22.30 | 21.44 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 21.94 | 22.25 | 21.66 | | |
| 10 | 64QAM | 25 | 0 | 20.90 | 21.11 | 20.95 | | |
| 10 | 64QAM | 25 | 12 | 20.89 | 21.13 | 20.55 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 20.85 | 21.13 | 20.30 | | |
| 10 | 64QAM | 50 | 0 | 20.90 | 21.11 | 20.66 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.36 | 24.52 | 23.89 | | |
| 5 | QPSK | 1 | 12 | 24.24 | 24.51 | 23.99 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.14 | 24.49 | 24.05 | | |
| 5 | QPSK | 12 | 0 | 23.37 | 23.59 | 22.95 | | |
| 5 | QPSK | 12 | 7 | 23.34 | 23.63 | 23.07 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.27 | 23.56 | 23.14 | | |
| 5 | QPSK | 25 | 0 | 23.36 | 23.55 | 23.00 | | |
| 5 | 16QAM | 1 | 0 | 23.14 | 23.35 | 23.02 | | |
| 5 | 16QAM | 1 | 12 | 23.05 | 23.35 | 23.07 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 23.04 | 23.31 | 23.16 | | |
| 5 | 16QAM | 12 | 0 | 21.93 | 22.14 | 21.90 | | |
| 5 | 16QAM | 12 | 7 | 21.87 | 22.16 | 21.90 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 21.79 | 22.05 | 22.00 | | |
| 5 | 16QAM | 25 | 0 | 21.86 | 22.10 | 21.90 | | |
| 5 | 64QAM | 1 | 0 | 22.12 | 22.23 | 21.31 | | |
| 5 | 64QAM | 1 | 12 | 21.96 | 22.28 | 21.33 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 21.93 | 22.25 | 21.41 | | |
| 5 | 64QAM | 12 | 0 | 21.00 | 21.19 | 20.24 | | |
| 5 | 64QAM | 12 | 7 | 20.96 | 21.22 | 20.31 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.86 | 21.15 | 20.46 | | |
| 5 | 64QAM | 25 | 0 | 20.89 | 21.07 | 20.27 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.35 | 24.51 | 23.86 | | |
| 3 | QPSK | 1 | 8 | 24.29 | 24.50 | 24.01 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.23 | 24.49 | 23.90 | | |
| 3 | QPSK | 8 | 0 | 23.36 | 23.60 | 22.92 | | |
| 3 | QPSK | 8 | 4 | 23.37 | 23.63 | 23.05 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.35 | 23.61 | 23.00 | | |
| 3 | QPSK | 15 | 0 | 23.38 | 23.57 | 22.97 | | |
| 3 | 16QAM | 1 | 0 | 23.16 | 23.32 | 22.90 | | |
| 3 | 16QAM | 1 | 8 | 23.13 | 23.44 | 23.13 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 23.01 | 23.31 | 23.00 | | |
| 3 | 16QAM | 8 | 0 | 21.96 | 22.17 | 21.80 | | |
| 3 | 16QAM | 8 | 4 | 21.96 | 22.20 | 21.90 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 21.89 | 22.13 | 22.02 | | |
| 3 | 16QAM | 15 | 0 | 21.93 | 22.08 | 21.82 | | |
| 3 | 64QAM | 1 | 0 | 22.09 | 22.25 | 21.25 | | |
| 3 | 64QAM | 1 | 8 | 22.09 | 22.36 | 21.53 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 21.97 | 22.26 | 21.49 | | |
| 3 | 64QAM | 8 | 0 | 20.96 | 21.17 | 20.26 | | |
| 3 | 64QAM | 8 | 4 | 20.98 | 21.23 | 20.42 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.91 | 21.17 | 20.42 | | |
| 3 | 64QAM | 15 | 0 | 20.90 | 21.12 | 20.36 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.23 | 24.39 | 23.83 | | |
| 1.4 | QPSK | 1 | 3 | 24.28 | 24.50 | 23.87 | | |
| 1.4 | QPSK | 1 | 5 | 24.20 | 24.41 | 23.77 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 24.23 | 24.43 | 23.86 | | |
| 1.4 | QPSK | 3 | 1 | 24.28 | 24.48 | 23.89 | | |
| 1.4 | QPSK | 3 | 3 | 24.21 | 24.47 | 23.82 | | |
| 1.4 | QPSK | 6 | 0 | 23.29 | 23.44 | 22.94 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.01 | 23.23 | 22.95 | | |
| 1.4 | 16QAM | 1 | 3 | 23.09 | 23.33 | 23.07 | | |
| 1.4 | 16QAM | 1 | 5 | 23.01 | 23.24 | 22.97 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.82 | 23.04 | 22.72 | | |
| 1.4 | 16QAM | 3 | 1 | 22.85 | 23.05 | 22.78 | | |
| 1.4 | 16QAM | 3 | 3 | 22.80 | 23.05 | 22.76 | | |
| 1.4 | 16QAM | 6 | 0 | 21.87 | 22.06 | 21.82 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.94 | 22.17 | 21.38 | | |
| 1.4 | 64QAM | 1 | 3 | 22.01 | 22.28 | 21.49 | | |
| 1.4 | 64QAM | 1 | 5 | 21.93 | 22.15 | 21.41 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.93 | 22.12 | 21.36 | | |
| 1.4 | 64QAM | 3 | 1 | 22.00 | 22.19 | 21.41 | | |
| 1.4 | 64QAM | 3 | 3 | 21.92 | 22.18 | 21.37 | | |
| 1.4 | 64QAM | 6 | 0 | 20.82 | 21.02 | 20.33 | 22 | 3 |

| Band 7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 24.52 | 24.63 | 24.45 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 24.44 | 24.60 | 23.67 | | |
| 20 | QPSK | 1 | 99 | 24.45 | 24.58 | 23.98 | | |
| 20 | QPSK | 50 | 0 | 23.50 | 23.66 | 23.09 | 24 | 1 |
| 20 | QPSK | 50 | 24 | 23.62 | 23.68 | 22.91 | | |
| 20 | QPSK | 50 | 50 | 23.62 | 23.74 | 23.09 | | |
| 20 | QPSK | 100 | 0 | 23.57 | 23.68 | 22.83 | | |
| 20 | 16QAM | 1 | 0 | 23.24 | 23.39 | 23.34 | 24 | 1 |
| 20 | 16QAM | 1 | 49 | 23.28 | 23.44 | 22.94 | | |
| 20 | 16QAM | 1 | 99 | 23.41 | 23.44 | 23.13 | | |
| 20 | 16QAM | 50 | 0 | 21.98 | 22.18 | 22.05 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 22.13 | 22.21 | 21.98 | | |
| 20 | 16QAM | 50 | 50 | 22.12 | 22.24 | 21.94 | | |
| 20 | 16QAM | 100 | 0 | 22.08 | 22.19 | 21.98 | | |
| 20 | 64QAM | 1 | 0 | 22.07 | 22.23 | 22.10 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 22.11 | 22.31 | 21.13 | | |
| 20 | 64QAM | 1 | 99 | 22.30 | 22.33 | 21.26 | | |
| 20 | 64QAM | 50 | 0 | 21.01 | 21.23 | 20.62 | 22 | 3 |
| 20 | 64QAM | 50 | 24 | 21.14 | 21.22 | 20.18 | | |
| 20 | 64QAM | 50 | 50 | 21.14 | 21.27 | 20.05 | | |
| 20 | 64QAM | 100 | 0 | 21.15 | 21.19 | 20.31 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 24.27 | 24.55 | 24.04 | 25 | 0 |
| 15 | QPSK | 1 | 37 | 24.46 | 24.58 | 23.45 | | |
| 15 | QPSK | 1 | 74 | 24.57 | 24.56 | 24.10 | | |
| 15 | QPSK | 36 | 0 | 23.47 | 23.66 | 22.90 | 24 | 1 |
| 15 | QPSK | 36 | 20 | 23.56 | 23.67 | 22.74 | | |
| 15 | QPSK | 36 | 39 | 23.57 | 23.71 | 22.91 | | |
| 15 | QPSK | 75 | 0 | 23.57 | 23.67 | 22.70 | | |
| 15 | 16QAM | 1 | 0 | 23.24 | 23.36 | 23.26 | 24 | 1 |
| 15 | 16QAM | 1 | 37 | 23.29 | 23.47 | 22.81 | | |
| 15 | 16QAM | 1 | 74 | 23.39 | 23.46 | 23.20 | | |
| 15 | 16QAM | 36 | 0 | 21.97 | 22.17 | 22.02 | 23 | 2 |
| 15 | 16QAM | 36 | 20 | 22.07 | 22.16 | 21.92 | | |
| 15 | 16QAM | 36 | 39 | 22.08 | 22.23 | 22.04 | | |
| 15 | 16QAM | 75 | 0 | 22.06 | 22.18 | 21.96 | | |
| 15 | 64QAM | 1 | 0 | 21.94 | 22.21 | 21.70 | 23 | 2 |
| 15 | 64QAM | 1 | 37 | 22.23 | 22.39 | 21.01 | | |
| 15 | 64QAM | 1 | 74 | 22.32 | 22.33 | 21.37 | | |
| 15 | 64QAM | 36 | 0 | 21.01 | 21.21 | 20.20 | 22 | 3 |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.24 | 20.00 | | |
| 15 | 64QAM | 36 | 39 | 21.13 | 21.25 | 20.10 | | |
| 15 | 64QAM | 75 | 0 | 21.07 | 21.18 | 20.10 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 24.13 | 24.31 | 23.67 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 24.10 | 24.29 | 23.61 | | |
| 10 | QPSK | 1 | 49 | 24.18 | 24.36 | 24.11 | | |
| 10 | QPSK | 25 | 0 | 23.30 | 23.43 | 22.68 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 23.32 | 23.45 | 22.84 | | |
| 10 | QPSK | 25 | 25 | 23.33 | 23.50 | 23.08 | | |
| 10 | QPSK | 50 | 0 | 23.34 | 23.43 | 22.71 | | |
| 10 | 16QAM | 1 | 0 | 23.03 | 23.19 | 23.03 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 23.00 | 23.19 | 23.01 | | |
| 10 | 16QAM | 1 | 49 | 23.04 | 23.22 | 23.00 | | |
| 10 | 16QAM | 25 | 0 | 21.82 | 21.92 | 21.74 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 21.83 | 21.98 | 21.77 | | |
| 10 | 16QAM | 25 | 25 | 21.83 | 22.00 | 21.80 | | |
| 10 | 16QAM | 50 | 0 | 21.84 | 21.94 | 21.75 | | |
| 10 | 64QAM | 1 | 0 | 21.83 | 22.05 | 21.25 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 21.91 | 22.12 | 21.07 | | |
| 10 | 64QAM | 1 | 49 | 21.92 | 22.09 | 21.41 | | |
| 10 | 64QAM | 25 | 0 | 20.84 | 20.99 | 20.01 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 20.86 | 21.01 | 20.09 | | |
| 10 | 64QAM | 25 | 25 | 20.86 | 21.04 | 20.14 | | |
| 10 | 64QAM | 50 | 0 | 20.88 | 20.99 | 20.04 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 24.18 | 24.29 | 23.72 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 24.23 | 24.37 | 23.91 | | |
| 5 | QPSK | 1 | 24 | 24.15 | 24.35 | 24.11 | | |
| 5 | QPSK | 12 | 0 | 23.30 | 23.42 | 22.94 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 23.30 | 23.44 | 23.14 | | |
| 5 | QPSK | 12 | 13 | 23.31 | 23.50 | 23.25 | | |
| 5 | QPSK | 25 | 0 | 23.29 | 23.41 | 22.95 | | |
| 5 | 16QAM | 1 | 0 | 23.03 | 23.15 | 22.96 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 23.00 | 23.21 | 22.92 | | |
| 5 | 16QAM | 1 | 24 | 23.02 | 23.17 | 22.95 | | |
| 5 | 16QAM | 12 | 0 | 21.85 | 21.98 | 21.82 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.83 | 21.95 | 21.80 | | |
| 5 | 16QAM | 12 | 13 | 21.82 | 22.02 | 21.78 | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.97 | 21.79 | | |
| 5 | 64QAM | 1 | 0 | 21.71 | 22.04 | 21.19 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.83 | 22.12 | 21.36 | | |
| 5 | 64QAM | 1 | 24 | 21.97 | 22.12 | 21.64 | | |
| 5 | 64QAM | 12 | 0 | 20.65 | 21.00 | 20.12 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.89 | 21.00 | 20.32 | | |
| 5 | 64QAM | 12 | 13 | 20.86 | 21.05 | 20.41 | | |
| 5 | 64QAM | 25 | 0 | 20.81 | 20.96 | 20.16 | | |

| Band 12 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 23060 | 23095 | 23130 | | |
| Frequency (MHz) | | | | 704 | 707.5 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.10 | 24.59 | 24.60 | | |
| 10 | QPSK | 1 | 25 | 24.49 | 24.58 | 24.44 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 24.53 | 24.42 | 24.01 | | |
| 10 | QPSK | 25 | 0 | 23.57 | 23.70 | 23.71 | | |
| 10 | QPSK | 25 | 12 | 23.68 | 23.69 | 23.52 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.65 | 23.70 | 23.09 | | |
| 10 | QPSK | 50 | 0 | 23.71 | 23.71 | 23.44 | | |
| 10 | 16QAM | 1 | 0 | 23.43 | 23.48 | 23.48 | | |
| 10 | 16QAM | 1 | 25 | 23.37 | 23.48 | 23.40 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 23.38 | 23.46 | 23.23 | | |
| 10 | 16QAM | 25 | 0 | 22.24 | 22.24 | 22.19 | | |
| 10 | 16QAM | 25 | 12 | 22.22 | 22.25 | 22.20 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 22.14 | 22.21 | 22.16 | | |
| 10 | 16QAM | 50 | 0 | 22.22 | 22.22 | 22.16 | | |
| 10 | 64QAM | 1 | 0 | 21.48 | 22.09 | 22.31 | | |
| 10 | 64QAM | 1 | 25 | 22.17 | 22.41 | 21.88 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 22.31 | 21.81 | 21.25 | | |
| 10 | 64QAM | 25 | 0 | 20.76 | 21.12 | 21.09 | | |
| 10 | 64QAM | 25 | 12 | 21.10 | 21.22 | 20.79 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 21.21 | 21.08 | 20.38 | | |
| 10 | 64QAM | 50 | 0 | 20.96 | 21.02 | 20.65 | | |
| Channel | | | | 23035 | 23095 | 23155 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 701.5 | 707.5 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.04 | 24.58 | 24.32 | | |
| 5 | QPSK | 1 | 12 | 24.51 | 24.59 | 23.95 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.57 | 24.60 | 23.80 | | |
| 5 | QPSK | 12 | 0 | 23.42 | 23.73 | 23.19 | | |
| 5 | QPSK | 12 | 7 | 23.59 | 23.71 | 23.00 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.66 | 23.72 | 22.98 | | |
| 5 | QPSK | 25 | 0 | 23.51 | 23.70 | 22.98 | | |
| 5 | 16QAM | 1 | 0 | 23.28 | 23.46 | 23.36 | | |
| 5 | 16QAM | 1 | 12 | 23.42 | 23.45 | 23.10 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 23.41 | 23.46 | 23.08 | | |
| 5 | 16QAM | 12 | 0 | 22.33 | 22.31 | 22.10 | | |
| 5 | 16QAM | 12 | 7 | 22.27 | 22.25 | 21.99 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 22.20 | 22.27 | 21.94 | | |
| 5 | 16QAM | 25 | 0 | 22.25 | 22.23 | 22.03 | | |
| 5 | 64QAM | 1 | 0 | 21.31 | 22.16 | 21.70 | | |
| 5 | 64QAM | 1 | 12 | 21.83 | 22.36 | 21.26 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 22.21 | 22.13 | 21.13 | | |
| 5 | 64QAM | 12 | 0 | 20.62 | 21.34 | 20.42 | | |
| 5 | 64QAM | 12 | 7 | 20.85 | 21.30 | 20.24 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.99 | 21.28 | 20.12 | | |
| 5 | 64QAM | 25 | 0 | 20.73 | 21.27 | 20.19 | | |
| Channel | | | | 23025 | 23095 | 23165 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 700.5 | 707.5 | 714.5 | | |
| 3 | QPSK | 1 | 0 | 24.11 | 24.59 | 23.98 | | |
| 3 | QPSK | 1 | 8 | 24.58 | 24.58 | 23.97 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.53 | 24.60 | 23.71 | | |
| 3 | QPSK | 8 | 0 | 23.33 | 23.72 | 22.93 | | |
| 3 | QPSK | 8 | 4 | 23.59 | 23.73 | 22.97 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.56 | 23.73 | 22.92 | | |
| 3 | QPSK | 15 | 0 | 23.42 | 23.68 | 22.93 | | |
| 3 | 16QAM | 1 | 0 | 23.25 | 23.45 | 23.14 | | |
| 3 | 16QAM | 1 | 8 | 23.45 | 23.53 | 23.15 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 23.40 | 23.50 | 22.97 | | |
| 3 | 16QAM | 8 | 0 | 22.33 | 22.30 | 22.07 | | |
| 3 | 16QAM | 8 | 4 | 22.32 | 22.28 | 22.08 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 22.28 | 22.31 | 22.04 | | |
| 3 | 16QAM | 15 | 0 | 22.29 | 22.26 | 22.02 | | |
| 3 | 64QAM | 1 | 0 | 21.47 | 22.34 | 21.17 | | |
| 3 | 64QAM | 1 | 8 | 21.92 | 22.47 | 21.24 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 21.90 | 22.36 | 21.09 | | |
| 3 | 64QAM | 8 | 0 | 20.57 | 21.32 | 20.14 | | |
| 3 | 64QAM | 8 | 4 | 20.84 | 21.29 | 20.18 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.85 | 21.30 | 20.16 | | |
| 3 | 64QAM | 15 | 0 | 20.63 | 21.25 | 20.10 | | |
| Channel | | | | 23017 | 23095 | 23173 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 699.7 | 707.5 | 715.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.96 | 24.52 | 23.73 | | |
| 1.4 | QPSK | 1 | 3 | 24.18 | 24.60 | 23.68 | | |
| 1.4 | QPSK | 1 | 5 | 24.19 | 24.54 | 23.50 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 24.19 | 24.53 | 23.85 | | |
| 1.4 | QPSK | 3 | 1 | 24.23 | 24.58 | 23.80 | | |
| 1.4 | QPSK | 3 | 3 | 24.30 | 24.58 | 23.75 | | |
| 1.4 | QPSK | 6 | 0 | 23.24 | 23.60 | 22.82 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 23.21 | 23.34 | 22.98 | | |
| 1.4 | 16QAM | 1 | 3 | 23.48 | 23.45 | 23.12 | | |
| 1.4 | 16QAM | 1 | 5 | 23.34 | 23.37 | 23.05 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 23.16 | 23.13 | 22.91 | | |
| 1.4 | 16QAM | 3 | 1 | 23.22 | 23.14 | 22.94 | | |
| 1.4 | 16QAM | 3 | 3 | 23.04 | 23.15 | 22.89 | | |
| 1.4 | 16QAM | 6 | 0 | 22.25 | 22.19 | 22.02 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.34 | 22.27 | 21.19 | | |
| 1.4 | 64QAM | 1 | 3 | 21.53 | 22.38 | 21.21 | | |
| 1.4 | 64QAM | 1 | 5 | 21.53 | 22.26 | 21.14 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.40 | 22.24 | 21.10 | | |
| 1.4 | 64QAM | 3 | 1 | 21.52 | 22.29 | 21.15 | | |
| 1.4 | 64QAM | 3 | 3 | 21.63 | 22.28 | 21.07 | | |
| 1.4 | 64QAM | 6 | 0 | 20.41 | 21.13 | 20.00 | 22 | 3 |

| Band 13 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 24.34 | | 25 | 0 |
| 10 | QPSK | 1 | 25 | | 24.41 | | | |
| 10 | QPSK | 1 | 49 | | 24.40 | | | |
| 10 | QPSK | 25 | 0 | | 22.94 | | 24 | 1 |
| 10 | QPSK | 25 | 12 | | 23.34 | | | |
| 10 | QPSK | 25 | 25 | | 23.55 | | | |
| 10 | QPSK | 50 | 0 | | 23.53 | | | |
| 10 | 16QAM | 1 | 0 | | 23.23 | | 24 | 1 |
| 10 | 16QAM | 1 | 25 | | 23.28 | | | |
| 10 | 16QAM | 1 | 49 | | 23.24 | | | |
| 10 | 16QAM | 25 | 0 | | 21.87 | | 23 | 2 |
| 10 | 16QAM | 25 | 12 | | 22.03 | | | |
| 10 | 16QAM | 25 | 25 | | 22.08 | | | |
| 10 | 16QAM | 50 | 0 | | 22.04 | | | |
| 10 | 64QAM | 1 | 0 | | 21.59 | | 23 | 2 |
| 10 | 64QAM | 1 | 25 | | 21.36 | | | |
| 10 | 64QAM | 1 | 49 | | 22.13 | | | |
| 10 | 64QAM | 25 | 0 | | 20.00 | | 22 | 3 |
| 10 | 64QAM | 25 | 12 | | 20.41 | | | |
| 10 | 64QAM | 25 | 25 | | 21.07 | | | |
| 10 | 64QAM | 50 | 0 | | 20.63 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 23.89 | 23.72 | 24.05 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 23.68 | 23.99 | 24.26 | | |
| 5 | QPSK | 1 | 24 | 23.85 | 24.38 | 24.24 | | |
| 5 | QPSK | 12 | 0 | 23.01 | 22.74 | 23.27 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 22.70 | 23.15 | 23.30 | | |
| 5 | QPSK | 12 | 13 | 22.74 | 23.47 | 23.35 | | |
| 5 | QPSK | 25 | 0 | 22.82 | 23.14 | 23.30 | | |
| 5 | 16QAM | 1 | 0 | 22.90 | 22.90 | 23.02 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 22.62 | 23.14 | 23.04 | | |
| 5 | 16QAM | 1 | 24 | 22.91 | 23.29 | 23.04 | | |
| 5 | 16QAM | 12 | 0 | 21.68 | 21.82 | 21.87 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.62 | 22.09 | 21.85 | | |
| 5 | 16QAM | 12 | 13 | 21.66 | 22.10 | 21.88 | | |
| 5 | 16QAM | 25 | 0 | 21.65 | 22.01 | 21.84 | | |
| 5 | 64QAM | 1 | 0 | 21.33 | 21.17 | 21.68 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.00 | 21.53 | 21.96 | | |
| 5 | 64QAM | 1 | 24 | 21.21 | 22.09 | 21.96 | | |
| 5 | 64QAM | 12 | 0 | 20.18 | 20.17 | 20.70 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.03 | 20.62 | 20.89 | | |
| 5 | 64QAM | 12 | 13 | 20.09 | 20.81 | 20.94 | | |
| 5 | 64QAM | 25 | 0 | 20.00 | 20.42 | 20.79 | | |

| Band 17 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 23780 | 23790 | 23800 | | |
| Frequency (MHz) | | | | 709 | 710 | 711 | | |
| 10 | QPSK | 1 | 0 | 24.44 | 24.39 | 24.39 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 24.36 | 24.37 | 24.30 | | |
| 10 | QPSK | 1 | 49 | 24.33 | 24.28 | 24.28 | | |
| 10 | QPSK | 25 | 0 | 23.48 | 23.43 | 23.47 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 23.56 | 23.49 | 23.50 | | |
| 10 | QPSK | 25 | 25 | 23.57 | 23.49 | 23.51 | | |
| 10 | QPSK | 50 | 0 | 23.54 | 23.44 | 23.47 | | |
| 10 | 16QAM | 1 | 0 | 23.31 | 23.26 | 23.24 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 23.25 | 23.25 | 23.18 | | |
| 10 | 16QAM | 1 | 49 | 23.19 | 23.19 | 23.18 | | |
| 10 | 16QAM | 25 | 0 | 22.03 | 21.96 | 21.99 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 22.09 | 21.99 | 22.02 | | |
| 10 | 16QAM | 25 | 25 | 22.05 | 21.99 | 22.02 | | |
| 10 | 16QAM | 50 | 0 | 22.06 | 21.96 | 22.00 | | |
| 10 | 64QAM | 1 | 0 | 22.20 | 22.18 | 22.16 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 22.17 | 22.16 | 22.11 | | |
| 10 | 64QAM | 1 | 49 | 22.05 | 22.06 | 22.09 | | |
| 10 | 64QAM | 25 | 0 | 21.06 | 20.99 | 21.03 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 21.13 | 21.05 | 21.08 | | |
| 10 | 64QAM | 25 | 25 | 21.09 | 21.01 | 21.04 | | |
| 10 | 64QAM | 50 | 0 | 21.11 | 21.00 | 21.02 | | |
| Channel | | | | 23755 | 23790 | 23825 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 706.5 | 710 | 713.5 | | |
| 5 | QPSK | 1 | 0 | 24.41 | 24.38 | 24.35 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 24.42 | 24.40 | 24.36 | | |
| 5 | QPSK | 1 | 24 | 24.40 | 24.35 | 24.29 | | |
| 5 | QPSK | 12 | 0 | 23.59 | 23.48 | 23.46 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 23.59 | 23.50 | 23.44 | | |
| 5 | QPSK | 12 | 13 | 23.59 | 23.44 | 23.40 | | |
| 5 | QPSK | 25 | 0 | 23.59 | 23.48 | 23.43 | | |
| 5 | 16QAM | 1 | 0 | 23.32 | 23.18 | 23.19 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 23.32 | 23.22 | 23.14 | | |
| 5 | 16QAM | 1 | 24 | 23.33 | 23.15 | 23.16 | | |
| 5 | 16QAM | 12 | 0 | 22.16 | 22.04 | 21.97 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 22.17 | 22.02 | 21.98 | | |
| 5 | 16QAM | 12 | 13 | 22.13 | 21.98 | 21.94 | | |
| 5 | 16QAM | 25 | 0 | 22.14 | 21.99 | 21.94 | | |
| 5 | 64QAM | 1 | 0 | 22.27 | 22.14 | 22.11 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 22.25 | 22.18 | 21.95 | | |
| 5 | 64QAM | 1 | 24 | 22.23 | 22.07 | 21.83 | | |
| 5 | 64QAM | 12 | 0 | 21.24 | 21.10 | 21.02 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 21.21 | 21.09 | 20.95 | | |
| 5 | 64QAM | 12 | 13 | 21.16 | 21.06 | 20.88 | | |
| 5 | 64QAM | 25 | 0 | 21.15 | 21.04 | 20.89 | | |

## Band 25

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 24.27 | 24.24 | 24.41 | | |
| 20 | QPSK | 1 | 49 | 24.23 | 24.23 | 24.38 | 25 | 0 |
| 20 | QPSK | 1 | 99 | 24.15 | 24.21 | 23.10 | | |
| 20 | QPSK | 50 | 0 | 23.31 | 23.30 | 23.41 | | |
| 20 | QPSK | 50 | 24 | 23.37 | 23.39 | 23.47 | 24 | 1 |
| 20 | QPSK | 50 | 50 | 23.28 | 23.36 | 23.45 | | |
| 20 | QPSK | 100 | 0 | 23.34 | 23.36 | 22.78 | | |
| 20 | 16QAM | 1 | 0 | 23.11 | 23.12 | 23.16 | | |
| 20 | 16QAM | 1 | 49 | 23.03 | 23.08 | 23.16 | 24 | 1 |
| 20 | 16QAM | 1 | 99 | 22.95 | 23.01 | 22.48 | | |
| 20 | 16QAM | 50 | 0 | 21.81 | 21.81 | 21.94 | | |
| 20 | 16QAM | 50 | 24 | 21.87 | 21.88 | 21.95 | 23 | 2 |
| 20 | 16QAM | 50 | 50 | 21.81 | 21.85 | 22.01 | | |
| 20 | 16QAM | 100 | 0 | 21.83 | 21.86 | 21.94 | | |
| 20 | 64QAM | 1 | 0 | 22.05 | 21.98 | 22.09 | | |
| 20 | 64QAM | 1 | 49 | 22.01 | 21.97 | 22.05 | 23 | 2 |
| 20 | 64QAM | 1 | 99 | 21.87 | 21.94 | 22.01 | | |
| 20 | 64QAM | 50 | 0 | 20.90 | 20.85 | 20.93 | | |
| 20 | 64QAM | 50 | 24 | 20.87 | 20.91 | 21.05 | 22 | 3 |
| 20 | 64QAM | 50 | 50 | 20.93 | 20.87 | 20.95 | | |
| 20 | 64QAM | 100 | 0 | 20.94 | 20.89 | 20.97 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 24.26 | 24.25 | 24.35 | | |
| 15 | QPSK | 1 | 37 | 24.15 | 24.27 | 24.35 | 25 | 0 |
| 15 | QPSK | 1 | 74 | 24.17 | 24.26 | 23.01 | | |
| 15 | QPSK | 36 | 0 | 23.29 | 23.30 | 23.41 | | |
| 15 | QPSK | 36 | 20 | 23.32 | 23.37 | 23.49 | 24 | 1 |
| 15 | QPSK | 36 | 39 | 23.26 | 23.32 | 23.51 | | |
| 15 | QPSK | 75 | 0 | 23.30 | 23.35 | 23.40 | | |
| 15 | 16QAM | 1 | 0 | 23.07 | 23.12 | 23.26 | | |
| 15 | 16QAM | 1 | 37 | 23.06 | 23.09 | 23.23 | 24 | 1 |
| 15 | 16QAM | 1 | 74 | 23.01 | 23.08 | 22.45 | | |
| 15 | 16QAM | 36 | 0 | 21.83 | 21.82 | 21.93 | | |
| 15 | 16QAM | 36 | 20 | 21.83 | 21.88 | 22.01 | 23 | 2 |
| 15 | 16QAM | 36 | 39 | 21.76 | 21.81 | 21.96 | | |
| 15 | 16QAM | 75 | 0 | 21.83 | 21.86 | 21.95 | | |
| 15 | 64QAM | 1 | 0 | 21.96 | 21.91 | 21.72 | | |
| 15 | 64QAM | 1 | 37 | 22.12 | 22.10 | 22.02 | 23 | 2 |
| 15 | 64QAM | 1 | 74 | 21.91 | 21.83 | 21.04 | | |
| 15 | 64QAM | 36 | 0 | 20.82 | 20.85 | 20.97 | | |
| 15 | 64QAM | 36 | 20 | 20.87 | 20.93 | 21.04 | 22 | 3 |
| 15 | 64QAM | 36 | 39 | 20.79 | 20.87 | 21.01 | | |
| 15 | 64QAM | 75 | 0 | 20.86 | 20.93 | 20.90 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 24.00 | 24.02 | 24.11 | | |
| 10 | QPSK | 1 | 25 | 23.95 | 23.98 | 24.18 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 23.95 | 23.97 | 23.03 | | |
| 10 | QPSK | 25 | 0 | 23.07 | 23.06 | 23.20 | | |
| 10 | QPSK | 25 | 12 | 23.11 | 23.15 | 23.26 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.09 | 23.12 | 23.25 | | |
| 10 | QPSK | 50 | 0 | 23.13 | 23.14 | 23.25 | | |
| 10 | 16QAM | 1 | 0 | 22.88 | 22.90 | 23.00 | | |
| 10 | 16QAM | 1 | 25 | 22.85 | 22.88 | 23.04 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 22.83 | 22.87 | 22.35 | | |
| 10 | 16QAM | 25 | 0 | 21.58 | 21.54 | 21.69 | | |
| 10 | 16QAM | 25 | 12 | 21.61 | 21.66 | 21.78 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 21.56 | 21.63 | 21.82 | | |
| 10 | 16QAM | 50 | 0 | 21.61 | 21.64 | 21.71 | | |
| 10 | 64QAM | 1 | 0 | 21.77 | 21.72 | 21.86 | | |
| 10 | 64QAM | 1 | 25 | 21.77 | 21.81 | 21.97 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 21.71 | 21.80 | 21.08 | | |
| 10 | 64QAM | 25 | 0 | 20.60 | 20.61 | 20.73 | | |
| 10 | 64QAM | 25 | 12 | 20.65 | 20.69 | 20.79 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 20.63 | 20.66 | 20.85 | | |
| 10 | 64QAM | 50 | 0 | 20.63 | 20.68 | 20.78 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 23.98 | 23.93 | 24.17 | | |
| 5 | QPSK | 1 | 12 | 24.04 | 24.05 | 23.98 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.00 | 24.03 | 23.01 | | |
| 5 | QPSK | 12 | 0 | 23.05 | 23.09 | 23.23 | | |
| 5 | QPSK | 12 | 7 | 23.10 | 23.15 | 23.18 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.12 | 23.12 | 22.48 | | |
| 5 | QPSK | 25 | 0 | 23.06 | 23.09 | 23.11 | | |
| 5 | 16QAM | 1 | 0 | 22.88 | 22.78 | 23.06 | | |
| 5 | 16QAM | 1 | 12 | 22.84 | 22.85 | 23.01 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 22.82 | 22.87 | 22.09 | | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.59 | 21.75 | | |
| 5 | 16QAM | 12 | 7 | 21.65 | 21.66 | 21.82 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 21.64 | 21.68 | 21.77 | | |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.60 | 21.82 | | |
| 5 | 64QAM | 1 | 0 | 21.79 | 21.72 | 21.96 | | |
| 5 | 64QAM | 1 | 12 | 21.78 | 21.80 | 21.87 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 21.77 | 21.82 | 21.02 | | |
| 5 | 64QAM | 12 | 0 | 20.61 | 20.60 | 20.78 | | |
| 5 | 64QAM | 12 | 7 | 20.67 | 20.73 | 20.84 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.67 | 20.72 | 20.15 | | |
| 5 | 64QAM | 25 | 0 | 20.60 | 20.63 | 20.65 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 23.96 | 23.92 | 24.15 | | |
| 3 | QPSK | 1 | 8 | 24.08 | 24.12 | 23.36 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.05 | 24.09 | 23.03 | | |
| 3 | QPSK | 8 | 0 | 23.06 | 23.08 | 23.08 | | |
| 3 | QPSK | 8 | 4 | 23.13 | 23.20 | 22.64 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.11 | 23.15 | 22.27 | | |
| 3 | QPSK | 15 | 0 | 23.10 | 23.15 | 22.67 | | |
| 3 | 16QAM | 1 | 0 | 22.79 | 22.77 | 22.99 | | |
| 3 | 16QAM | 1 | 8 | 22.93 | 22.97 | 22.75 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 22.89 | 22.95 | 22.05 | | |
| 3 | 16QAM | 8 | 0 | 21.61 | 21.68 | 21.81 | | |
| 3 | 16QAM | 8 | 4 | 21.69 | 21.70 | 21.89 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 21.68 | 21.71 | 21.53 | | |
| 3 | 16QAM | 15 | 0 | 21.62 | 21.63 | 21.83 | | |
| 3 | 64QAM | 1 | 0 | 21.75 | 21.70 | 21.82 | | |
| 3 | 64QAM | 1 | 8 | 21.88 | 21.90 | 21.14 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 21.82 | 21.86 | 21.02 | | |
| 3 | 64QAM | 8 | 0 | 20.65 | 20.61 | 20.70 | | |
| 3 | 64QAM | 8 | 4 | 20.71 | 20.74 | 20.29 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.70 | 20.75 | 19.90 | | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.64 | 20.28 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.87 | 23.91 | 23.18 | | |
| 1.4 | QPSK | 1 | 3 | 24.00 | 24.05 | 22.81 | | |
| 1.4 | QPSK | 1 | 5 | 23.96 | 24.00 | 22.52 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 23.97 | 23.98 | 22.95 | | |
| 1.4 | QPSK | 3 | 1 | 24.00 | 24.02 | 22.88 | | |
| 1.4 | QPSK | 3 | 3 | 23.98 | 24.04 | 22.61 | | |
| 1.4 | QPSK | 6 | 0 | 23.02 | 23.08 | 22.07 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.70 | 22.75 | 22.52 | | |
| 1.4 | 16QAM | 1 | 3 | 22.83 | 22.85 | 22.20 | | |
| 1.4 | 16QAM | 1 | 5 | 22.79 | 22.84 | 21.91 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.54 | 22.57 | 22.26 | | |
| 1.4 | 16QAM | 3 | 1 | 22.59 | 22.65 | 22.16 | | |
| 1.4 | 16QAM | 3 | 3 | 22.60 | 22.59 | 21.90 | | |
| 1.4 | 16QAM | 6 | 0 | 21.60 | 21.62 | 21.29 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.66 | 21.68 | 20.79 | | |
| 1.4 | 64QAM | 1 | 3 | 21.78 | 21.83 | 20.51 | | |
| 1.4 | 64QAM | 1 | 5 | 21.75 | 21.75 | 20.55 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.63 | 21.67 | 20.81 | | |
| 1.4 | 64QAM | 3 | 1 | 21.71 | 21.74 | 20.77 | | |
| 1.4 | 64QAM | 3 | 3 | 21.67 | 21.73 | 20.51 | | |
| 1.4 | 64QAM | 6 | 0 | 20.56 | 20.59 | 19.60 | 22 | 3 |

| Band 26 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 24.33 | 24.35 | 24.42 | | |
| 15 | QPSK | 1 | 37 | 24.25 | 24.32 | 24.39 | 25 | 0 |
| 15 | QPSK | 1 | 74 | 24.28 | 24.32 | 24.31 | | |
| 15 | QPSK | 36 | 0 | 23.43 | 23.48 | 23.56 | | |
| 15 | QPSK | 36 | 20 | 23.43 | 23.54 | 23.62 | 24 | 1 |
| 15 | QPSK | 36 | 39 | 23.41 | 23.47 | 23.53 | | |
| 15 | QPSK | 75 | 0 | 23.43 | 23.53 | 23.52 | | |
| 15 | 16QAM | 1 | 0 | 23.19 | 23.17 | 23.28 | | |
| 15 | 16QAM | 1 | 37 | 23.09 | 23.21 | 23.23 | 24 | 1 |
| 15 | 16QAM | 1 | 74 | 23.12 | 23.16 | 23.17 | | |
| 15 | 16QAM | 36 | 0 | 21.94 | 22.00 | 22.07 | | |
| 15 | 16QAM | 36 | 20 | 21.96 | 22.03 | 22.10 | 23 | 2 |
| 15 | 16QAM | 36 | 39 | 21.97 | 21.99 | 22.05 | | |
| 15 | 16QAM | 75 | 0 | 21.98 | 22.05 | 22.03 | | |
| 15 | 64QAM | 1 | 0 | 22.03 | 22.07 | 22.18 | | |
| 15 | 64QAM | 1 | 37 | 22.08 | 22.06 | 22.16 | 23 | 2 |
| 15 | 64QAM | 1 | 74 | 22.08 | 22.11 | 22.03 | | |
| 15 | 64QAM | 36 | 0 | 21.09 | 21.07 | 21.10 | | |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.09 | 21.14 | 22 | 3 |
| 15 | 64QAM | 36 | 39 | 21.05 | 21.03 | 21.10 | | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.07 | 21.07 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 24.24 | 24.24 | 24.41 | | |
| 10 | QPSK | 1 | 25 | 24.14 | 24.17 | 24.34 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 24.09 | 24.16 | 24.25 | | |
| 10 | QPSK | 25 | 0 | 23.32 | 23.29 | 23.45 | | |
| 10 | QPSK | 25 | 12 | 23.30 | 23.29 | 23.44 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.21 | 23.27 | 23.41 | | |
| 10 | QPSK | 50 | 0 | 23.26 | 23.32 | 23.39 | | |
| 10 | 16QAM | 1 | 0 | 23.10 | 23.10 | 23.24 | | |
| 10 | 16QAM | 1 | 25 | 23.00 | 23.09 | 23.22 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 23.01 | 23.05 | 23.14 | | |
| 10 | 16QAM | 25 | 0 | 21.84 | 21.79 | 21.94 | | |
| 10 | 16QAM | 25 | 12 | 21.82 | 21.79 | 21.95 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 21.73 | 21.78 | 21.91 | | |
| 10 | 16QAM | 50 | 0 | 21.80 | 21.83 | 21.91 | | |
| 10 | 64QAM | 1 | 0 | 22.02 | 22.02 | 22.17 | | |
| 10 | 64QAM | 1 | 25 | 21.97 | 21.99 | 22.14 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.96 | 22.07 | | |
| 10 | 64QAM | 25 | 0 | 20.81 | 20.84 | 20.99 | | |
| 10 | 64QAM | 25 | 12 | 20.87 | 20.85 | 21.01 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 20.75 | 20.83 | 20.86 | | |
| 10 | 64QAM | 50 | 0 | 20.85 | 20.90 | 20.94 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 24.18 | 24.22 | 24.38 | | |
| 5 | QPSK | 1 | 12 | 24.18 | 24.26 | 24.28 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.03 | 24.24 | 24.30 | | |
| 5 | QPSK | 12 | 0 | 23.27 | 23.30 | 23.31 | | |
| 5 | QPSK | 12 | 7 | 23.24 | 23.35 | 23.38 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.17 | 23.30 | 23.36 | | |
| 5 | QPSK | 25 | 0 | 23.21 | 23.33 | 23.33 | | |
| 5 | 16QAM | 1 | 0 | 23.02 | 23.08 | 23.25 | | |
| 5 | 16QAM | 1 | 12 | 22.98 | 23.10 | 23.17 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 22.90 | 23.12 | 23.14 | | |
| 5 | 16QAM | 12 | 0 | 21.79 | 21.89 | 22.00 | | |
| 5 | 16QAM | 12 | 7 | 21.76 | 21.88 | 22.00 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 21.70 | 21.83 | 21.88 | | |
| 5 | 16QAM | 25 | 0 | 21.75 | 21.83 | 21.94 | | |
| 5 | 64QAM | 1 | 0 | 21.87 | 21.99 | 21.86 | | |
| 5 | 64QAM | 1 | 12 | 21.82 | 22.03 | 21.91 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 21.82 | 22.01 | 21.98 | | |
| 5 | 64QAM | 12 | 0 | 20.86 | 20.89 | 20.76 | | |
| 5 | 64QAM | 12 | 7 | 20.84 | 20.94 | 20.83 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.77 | 20.87 | 20.78 | | |
| 5 | 64QAM | 25 | 0 | 20.73 | 20.86 | 20.70 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 24.18 | 24.22 | 24.34 | | |
| 3 | QPSK | 1 | 8 | 24.20 | 24.29 | 24.38 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.05 | 24.23 | 24.28 | | |
| 3 | QPSK | 8 | 0 | 23.24 | 23.29 | 23.37 | | |
| 3 | QPSK | 8 | 4 | 23.22 | 23.36 | 23.44 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.17 | 23.28 | 23.37 | | |
| 3 | QPSK | 15 | 0 | 23.21 | 23.31 | 23.39 | | |
| 3 | 16QAM | 1 | 0 | 22.97 | 23.02 | 23.18 | | |
| 3 | 16QAM | 1 | 8 | 22.99 | 23.15 | 23.19 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 22.88 | 23.06 | 23.13 | | |
| 3 | 16QAM | 8 | 0 | 21.82 | 21.86 | 21.99 | | |
| 3 | 16QAM | 8 | 4 | 21.85 | 21.92 | 22.00 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 21.79 | 21.87 | 21.91 | | |
| 3 | 16QAM | 15 | 0 | 21.77 | 21.85 | 21.93 | | |
| 3 | 64QAM | 1 | 0 | 21.95 | 21.98 | 21.75 | | |
| 3 | 64QAM | 1 | 8 | 21.92 | 22.08 | 21.93 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 21.85 | 22.02 | 21.92 | | |
| 3 | 64QAM | 8 | 0 | 20.83 | 20.85 | 20.99 | | |
| 3 | 64QAM | 8 | 4 | 20.84 | 20.91 | 21.00 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.79 | 20.88 | 20.83 | | |
| 3 | 64QAM | 15 | 0 | 20.80 | 20.87 | 20.78 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.05 | 24.13 | 24.24 | | |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.23 | 24.28 | | |
| 1.4 | QPSK | 1 | 5 | 24.03 | 24.10 | 24.17 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 24.11 | 24.13 | 24.26 | | |
| 1.4 | QPSK | 3 | 1 | 24.14 | 24.23 | 24.29 | | |
| 1.4 | QPSK | 3 | 3 | 24.09 | 24.18 | 24.23 | | |
| 1.4 | QPSK | 6 | 0 | 23.19 | 23.25 | 23.30 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.89 | 22.97 | 23.07 | | |
| 1.4 | 16QAM | 1 | 3 | 22.99 | 23.05 | 23.11 | | |
| 1.4 | 16QAM | 1 | 5 | 22.89 | 22.94 | 22.98 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.71 | 22.73 | 22.86 | | |
| 1.4 | 16QAM | 3 | 1 | 22.75 | 22.83 | 22.90 | | |
| 1.4 | 16QAM | 3 | 3 | 22.69 | 22.77 | 22.83 | | |
| 1.4 | 16QAM | 6 | 0 | 21.78 | 21.84 | 21.88 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.87 | 21.89 | 21.88 | | |
| 1.4 | 64QAM | 1 | 3 | 21.90 | 22.01 | 21.86 | | |
| 1.4 | 64QAM | 1 | 5 | 21.83 | 21.90 | 21.77 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.82 | 21.85 | 21.76 | | |
| 1.4 | 64QAM | 3 | 1 | 21.87 | 21.94 | 21.85 | | |
| 1.4 | 64QAM | 3 | 3 | 21.79 | 21.90 | 21.81 | | |
| 1.4 | 64QAM | 6 | 0 | 20.72 | 20.79 | 20.68 | 22 | 3 |

| Band 66 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 24.38 | 24.57 | 24.41 | | |
| 20 | QPSK | 1 | 49 | 24.38 | 24.47 | 24.30 | 25 | 0 |
| 20 | QPSK | 1 | 99 | 24.36 | 24.37 | 24.17 | | |
| 20 | QPSK | 50 | 0 | 23.56 | 23.54 | 23.41 | | |
| 20 | QPSK | 50 | 24 | 23.55 | 23.49 | 23.36 | 24 | 1 |
| 20 | QPSK | 50 | 50 | 23.50 | 23.51 | 23.36 | | |
| 20 | QPSK | 100 | 0 | 23.52 | 23.48 | 23.39 | | |
| 20 | 16QAM | 1 | 0 | 23.31 | 23.33 | 23.28 | | |
| 20 | 16QAM | 1 | 49 | 23.29 | 23.25 | 23.14 | 24 | 1 |
| 20 | 16QAM | 1 | 99 | 23.21 | 23.21 | 23.00 | | |
| 20 | 16QAM | 50 | 0 | 22.02 | 22.05 | 21.94 | | |
| 20 | 16QAM | 50 | 24 | 21.93 | 22.03 | 21.88 | 23 | 2 |
| 20 | 16QAM | 50 | 50 | 21.95 | 22.03 | 21.87 | | |
| 20 | 16QAM | 100 | 0 | 21.89 | 21.99 | 21.85 | | |
| 20 | 64QAM | 1 | 0 | 22.05 | 22.10 | 22.14 | | |
| 20 | 64QAM | 1 | 49 | 22.11 | 22.05 | 22.08 | 23 | 2 |
| 20 | 64QAM | 1 | 99 | 21.87 | 22.01 | 21.92 | | |
| 20 | 64QAM | 50 | 0 | 20.89 | 20.95 | 20.98 | | |
| 20 | 64QAM | 50 | 24 | 20.95 | 20.87 | 20.91 | 22 | 3 |
| 20 | 64QAM | 50 | 50 | 20.84 | 20.94 | 20.90 | | |
| 20 | 64QAM | 100 | 0 | 20.93 | 20.83 | 20.88 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 24.40 | 24.49 | 24.41 | | |
| 15 | QPSK | 1 | 37 | 24.39 | 24.44 | 24.27 | 25 | 0 |
| 15 | QPSK | 1 | 74 | 24.36 | 24.33 | 24.16 | | |
| 15 | QPSK | 36 | 0 | 23.44 | 23.51 | 23.38 | | |
| 15 | QPSK | 36 | 20 | 23.53 | 23.49 | 23.43 | 24 | 1 |
| 15 | QPSK | 36 | 39 | 23.49 | 23.52 | 23.34 | | |
| 15 | QPSK | 75 | 0 | 23.53 | 23.48 | 23.33 | | |
| 15 | 16QAM | 1 | 0 | 23.24 | 23.29 | 23.20 | | |
| 15 | 16QAM | 1 | 37 | 23.25 | 23.28 | 23.16 | 24 | 1 |
| 15 | 16QAM | 1 | 74 | 23.18 | 23.18 | 23.03 | | |
| 15 | 16QAM | 36 | 0 | 21.99 | 22.02 | 21.86 | | |
| 15 | 16QAM | 36 | 20 | 22.08 | 22.02 | 21.94 | 23 | 2 |
| 15 | 16QAM | 36 | 39 | 22.04 | 22.04 | 21.86 | | |
| 15 | 16QAM | 75 | 0 | 22.04 | 21.99 | 21.83 | | |
| 15 | 64QAM | 1 | 0 | 21.72 | 22.18 | 22.12 | | |
| 15 | 64QAM | 1 | 37 | 22.17 | 22.09 | 21.99 | 23 | 2 |
| 15 | 64QAM | 1 | 74 | 22.11 | 22.16 | 22.04 | | |
| 15 | 64QAM | 36 | 0 | 21.04 | 21.06 | 20.92 | | |
| 15 | 64QAM | 36 | 20 | 21.11 | 21.07 | 20.87 | 22 | 3 |
| 15 | 64QAM | 36 | 39 | 21.05 | 21.09 | 20.88 | | |
| 15 | 64QAM | 75 | 0 | 21.05 | 21.02 | 20.84 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 24.09 | 24.26 | 24.13 | | |
| 10 | QPSK | 1 | 25 | 24.13 | 24.21 | 24.03 | 25 | 0 |
| 10 | QPSK | 1 | 49 | 24.12 | 24.16 | 23.98 | | |
| 10 | QPSK | 25 | 0 | 23.29 | 23.29 | 23.13 | | |
| 10 | QPSK | 25 | 12 | 23.30 | 23.27 | 23.11 | 24 | 1 |
| 10 | QPSK | 25 | 25 | 23.26 | 23.30 | 23.12 | | |
| 10 | QPSK | 50 | 0 | 23.30 | 23.26 | 23.10 | | |
| 10 | 16QAM | 1 | 0 | 23.09 | 23.11 | 22.99 | | |
| 10 | 16QAM | 1 | 25 | 23.04 | 23.09 | 22.92 | 24 | 1 |
| 10 | 16QAM | 1 | 49 | 23.01 | 23.03 | 22.86 | | |
| 10 | 16QAM | 25 | 0 | 21.84 | 21.78 | 21.63 | | |
| 10 | 16QAM | 25 | 12 | 21.84 | 21.77 | 21.62 | 23 | 2 |
| 10 | 16QAM | 25 | 25 | 21.78 | 21.79 | 21.63 | | |
| 10 | 16QAM | 50 | 0 | 21.82 | 21.76 | 21.61 | | |
| 10 | 64QAM | 1 | 0 | 21.60 | 21.99 | 21.85 | | |
| 10 | 64QAM | 1 | 25 | 21.95 | 22.02 | 21.87 | 23 | 2 |
| 10 | 64QAM | 1 | 49 | 21.89 | 21.93 | 21.74 | | |
| 10 | 64QAM | 25 | 0 | 20.86 | 20.81 | 20.67 | | |
| 10 | 64QAM | 25 | 12 | 20.85 | 20.83 | 20.67 | 22 | 3 |
| 10 | 64QAM | 25 | 25 | 20.81 | 20.83 | 20.66 | | |
| 10 | 64QAM | 50 | 0 | 20.86 | 20.81 | 20.64 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 24.22 | 24.17 | 24.05 | | |
| 5 | QPSK | 1 | 12 | 24.23 | 24.24 | 24.08 | 25 | 0 |
| 5 | QPSK | 1 | 24 | 24.12 | 24.18 | 23.96 | | |
| 5 | QPSK | 12 | 0 | 23.29 | 23.27 | 23.17 | | |
| 5 | QPSK | 12 | 7 | 23.33 | 23.29 | 23.16 | 24 | 1 |
| 5 | QPSK | 12 | 13 | 23.28 | 23.28 | 23.08 | | |
| 5 | QPSK | 25 | 0 | 23.25 | 23.25 | 23.11 | | |
| 5 | 16QAM | 1 | 0 | 23.05 | 23.03 | 22.88 | | |
| 5 | 16QAM | 1 | 12 | 23.04 | 23.06 | 22.89 | 24 | 1 |
| 5 | 16QAM | 1 | 24 | 22.96 | 23.01 | 22.81 | | |
| 5 | 16QAM | 12 | 0 | 21.85 | 21.80 | 21.65 | | |
| 5 | 16QAM | 12 | 7 | 21.87 | 21.82 | 21.67 | 23 | 2 |
| 5 | 16QAM | 12 | 13 | 21.78 | 21.81 | 21.59 | | |
| 5 | 16QAM | 25 | 0 | 21.83 | 21.77 | 21.64 | | |
| 5 | 64QAM | 1 | 0 | 21.54 | 21.91 | 21.82 | | |
| 5 | 64QAM | 1 | 12 | 21.94 | 21.95 | 21.76 | 23 | 2 |
| 5 | 64QAM | 1 | 24 | 21.92 | 21.92 | 21.71 | | |
| 5 | 64QAM | 12 | 0 | 20.79 | 20.86 | 20.71 | | |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.85 | 20.73 | 22 | 3 |
| 5 | 64QAM | 12 | 13 | 20.86 | 20.85 | 20.68 | | |
| 5 | 64QAM | 25 | 0 | 20.82 | 20.80 | 20.66 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 24.22 | 24.19 | 24.06 | | |
| 3 | QPSK | 1 | 8 | 24.28 | 24.30 | 24.10 | 25 | 0 |
| 3 | QPSK | 1 | 14 | 24.18 | 24.20 | 24.02 | | |
| 3 | QPSK | 8 | 0 | 23.30 | 23.24 | 23.12 | | |
| 3 | QPSK | 8 | 4 | 23.33 | 23.29 | 23.17 | 24 | 1 |
| 3 | QPSK | 8 | 7 | 23.29 | 23.33 | 23.11 | | |
| 3 | QPSK | 15 | 0 | 23.31 | 23.26 | 23.14 | | |
| 3 | 16QAM | 1 | 0 | 23.03 | 23.03 | 22.88 | | |
| 3 | 16QAM | 1 | 8 | 23.10 | 23.09 | 22.93 | 24 | 1 |
| 3 | 16QAM | 1 | 14 | 23.00 | 23.04 | 22.84 | | |
| 3 | 16QAM | 8 | 0 | 21.87 | 21.83 | 21.70 | | |
| 3 | 16QAM | 8 | 4 | 21.90 | 21.85 | 21.73 | 23 | 2 |
| 3 | 16QAM | 8 | 7 | 21.86 | 21.87 | 21.69 | | |
| 3 | 16QAM | 15 | 0 | 21.84 | 21.78 | 21.67 | | |
| 3 | 64QAM | 1 | 0 | 21.66 | 21.96 | 21.82 | | |
| 3 | 64QAM | 1 | 8 | 22.00 | 22.05 | 21.88 | 23 | 2 |
| 3 | 64QAM | 1 | 14 | 21.94 | 21.98 | 21.76 | | |
| 3 | 64QAM | 8 | 0 | 20.69 | 20.84 | 20.72 | | |
| 3 | 64QAM | 8 | 4 | 20.92 | 20.86 | 20.73 | 22 | 3 |
| 3 | 64QAM | 8 | 7 | 20.85 | 20.87 | 20.69 | | |
| 3 | 64QAM | 15 | 0 | 20.78 | 20.80 | 20.69 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 24.10 | 24.15 | 23.99 | | |
| 1.4 | QPSK | 1 | 3 | 24.15 | 24.20 | 24.03 | | |
| 1.4 | QPSK | 1 | 5 | 24.08 | 24.13 | 23.97 | 25 | 0 |
| 1.4 | QPSK | 3 | 0 | 24.15 | 24.19 | 24.02 | | |
| 1.4 | QPSK | 3 | 1 | 24.20 | 24.22 | 24.03 | | |
| 1.4 | QPSK | 3 | 3 | 24.17 | 24.20 | 23.99 | | |
| 1.4 | QPSK | 6 | 0 | 23.21 | 23.22 | 23.04 | 24 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.94 | 22.96 | 22.81 | | |
| 1.4 | 16QAM | 1 | 3 | 23.00 | 23.03 | 22.85 | | |
| 1.4 | 16QAM | 1 | 5 | 22.94 | 22.94 | 22.78 | 24 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.72 | 22.79 | 22.58 | | |
| 1.4 | 16QAM | 3 | 1 | 22.78 | 22.83 | 22.62 | | |
| 1.4 | 16QAM | 3 | 3 | 22.73 | 22.75 | 22.55 | | |
| 1.4 | 16QAM | 6 | 0 | 21.78 | 21.83 | 21.63 | 23 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.56 | 21.94 | 21.74 | | |
| 1.4 | 64QAM | 1 | 3 | 21.71 | 22.03 | 21.77 | | |
| 1.4 | 64QAM | 1 | 5 | 21.74 | 21.89 | 21.68 | 23 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.53 | 21.86 | 21.67 | | |
| 1.4 | 64QAM | 3 | 1 | 21.70 | 21.93 | 21.72 | | |
| 1.4 | 64QAM | 3 | 3 | 21.66 | 21.89 | 21.70 | | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.77 | 20.58 | 22 | 3 |

| Band 5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / | Power Middle Ch. / | Power High Ch. / | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20450 | 20525 | 20600 | | |
| Frequency (MHz) | | | | 829 | 836.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.72 | 23.66 | 23.59 | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | 23.58 | 23.50 | 23.47 | | |
| 10 | QPSK | 1 | 49 | 23.57 | 23.50 | 23.04 | | |
| 10 | QPSK | 25 | 0 | 22.81 | 22.70 | 22.61 | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | 22.79 | 22.67 | 22.59 | | |
| 10 | QPSK | 25 | 25 | 22.75 | 22.69 | 22.44 | | |
| 10 | QPSK | 50 | 0 | 22.79 | 22.74 | 22.55 | | |
| 10 | 16QAM | 1 | 0 | 22.62 | 22.50 | 22.43 | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | 22.49 | 22.44 | 22.39 | | |
| 10 | 16QAM | 1 | 49 | 22.45 | 22.40 | 22.25 | | |
| 10 | 16QAM | 25 | 0 | 21.31 | 21.15 | 21.09 | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | 21.31 | 21.16 | 21.12 | | |
| 10 | 16QAM | 25 | 25 | 21.25 | 21.17 | 21.07 | | |
| 10 | 16QAM | 50 | 0 | 21.32 | 21.24 | 21.10 | | |
| 10 | 64QAM | 1 | 0 | 21.55 | 21.37 | 21.30 | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | 21.45 | 21.37 | 21.12 | | |
| 10 | 64QAM | 1 | 49 | 21.40 | 21.30 | 20.64 | | |
| 10 | 64QAM | 25 | 0 | 20.35 | 20.23 | 20.05 | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | 20.34 | 20.21 | 20.02 | | |
| 10 | 64QAM | 25 | 25 | 20.27 | 20.24 | 19.90 | | |
| 10 | 64QAM | 50 | 0 | 20.34 | 20.29 | 19.89 | | |
| Channel | | | | 20425 | 20525 | 20625 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 826.5 | 836.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.71 | 23.64 | 23.62 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.70 | 23.61 | 23.54 | | |
| 5 | QPSK | 1 | 24 | 23.63 | 23.57 | 23.27 | | |
| 5 | QPSK | 12 | 0 | 22.83 | 22.70 | 22.63 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.80 | 22.70 | 22.58 | | |
| 5 | QPSK | 12 | 13 | 22.72 | 22.64 | 22.48 | | |
| 5 | QPSK | 25 | 0 | 22.78 | 22.70 | 22.61 | | |
| 5 | 16QAM | 1 | 0 | 22.66 | 22.47 | 22.43 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.55 | 22.41 | 22.28 | | |
| 5 | 16QAM | 1 | 24 | 22.46 | 22.41 | 22.22 | | |
| 5 | 16QAM | 12 | 0 | 21.40 | 21.21 | 21.19 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.36 | 21.25 | 21.11 | | |
| 5 | 16QAM | 12 | 13 | 21.28 | 21.18 | 21.04 | | |
| 5 | 16QAM | 25 | 0 | 21.32 | 21.21 | 21.09 | | |
| 5 | 64QAM | 1 | 0 | 21.57 | 21.43 | 21.38 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 21.46 | 21.33 | 21.21 | | |
| 5 | 64QAM | 1 | 24 | 21.42 | 21.31 | 20.65 | | |
| 5 | 64QAM | 12 | 0 | 20.44 | 20.25 | 20.24 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 20.40 | 20.28 | 20.12 | | |
| 5 | 64QAM | 12 | 13 | 20.32 | 20.21 | 19.79 | | |
| 5 | 64QAM | 25 | 0 | 20.36 | 20.25 | 19.99 | | |
| Channel | | | | 20415 | 20525 | 20635 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 825.5 | 836.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.70 | 23.62 | 23.40 | 24.5 | 0 |
| 3 | QPSK | 1 | 8 | 23.69 | 23.62 | 23.21 | | |
| 3 | QPSK | 1 | 14 | 23.63 | 23.54 | 23.04 | | |
| 3 | QPSK | 8 | 0 | 22.81 | 22.62 | 22.38 | 23.5 | 1 |
| 3 | QPSK | 8 | 4 | 22.82 | 22.69 | 22.25 | | |
| 3 | QPSK | 8 | 7 | 22.77 | 22.62 | 22.18 | | |
| 3 | QPSK | 15 | 0 | 22.77 | 22.68 | 22.24 | | |
| 3 | 16QAM | 1 | 0 | 22.58 | 22.38 | 22.37 | 23.5 | 1 |
| 3 | 16QAM | 1 | 8 | 22.60 | 22.49 | 22.32 | | |
| 3 | 16QAM | 1 | 14 | 22.46 | 22.35 | 22.20 | | |
| 3 | 16QAM | 8 | 0 | 21.40 | 21.20 | 21.14 | 22.5 | 2 |
| 3 | 16QAM | 8 | 4 | 21.38 | 21.27 | 21.14 | | |
| 3 | 16QAM | 8 | 7 | 21.32 | 21.24 | 21.07 | | |
| 3 | 16QAM | 15 | 0 | 21.36 | 21.22 | 21.08 | | |
| 3 | 64QAM | 1 | 0 | 21.55 | 21.36 | 20.94 | 22.5 | 2 |
| 3 | 64QAM | 1 | 8 | 21.56 | 21.37 | 20.79 | | |
| 3 | 64QAM | 1 | 14 | 21.44 | 21.29 | 20.62 | | |
| 3 | 64QAM | 8 | 0 | 20.44 | 20.22 | 19.81 | 21.5 | 3 |
| 3 | 64QAM | 8 | 4 | 20.40 | 20.29 | 19.72 | | |
| 3 | 64QAM | 8 | 7 | 20.33 | 20.20 | 19.62 | | |
| 3 | 64QAM | 15 | 0 | 20.33 | 20.24 | 19.69 | | |
| Channel | | | | 20407 | 20525 | 20643 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 824.7 | 836.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.65 | 23.44 | 23.10 | 24.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 23.69 | 23.57 | 23.10 | | |
| 1.4 | QPSK | 1 | 5 | 23.62 | 23.46 | 22.98 | | |
| 1.4 | QPSK | 3 | 0 | 23.69 | 23.48 | 23.07 | | |
| 1.4 | QPSK | 3 | 1 | 23.71 | 23.57 | 23.08 | | |
| 1.4 | QPSK | 3 | 3 | 23.65 | 23.52 | 23.02 | | |
| 1.4 | QPSK | 6 | 0 | 22.75 | 22.60 | 22.16 | 23.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.49 | 22.33 | 22.20 | 23.5 | 1 |
| 1.4 | 16QAM | 1 | 3 | 22.51 | 22.43 | 22.23 | | |
| 1.4 | 16QAM | 1 | 5 | 22.42 | 22.31 | 22.11 | | |
| 1.4 | 16QAM | 3 | 0 | 22.28 | 22.09 | 21.97 | | |
| 1.4 | 16QAM | 3 | 1 | 22.32 | 22.19 | 21.99 | | |
| 1.4 | 16QAM | 3 | 3 | 22.23 | 22.11 | 21.94 | | |
| 1.4 | 16QAM | 6 | 0 | 21.35 | 21.20 | 21.03 | 22.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.45 | 21.23 | 20.64 | 22.5 | 2 |
| 1.4 | 64QAM | 1 | 3 | 21.44 | 21.31 | 20.56 | | |
| 1.4 | 64QAM | 1 | 5 | 21.38 | 21.28 | 20.50 | | |
| 1.4 | 64QAM | 3 | 0 | 21.40 | 21.21 | 20.60 | | |
| 1.4 | 64QAM | 3 | 1 | 21.44 | 21.32 | 20.62 | | |
| 1.4 | 64QAM | 3 | 3 | 21.39 | 21.21 | 20.54 | | |
| 1.4 | 64QAM | 6 | 0 | 20.27 | 20.16 | 19.50 | 21.5 | 3 |

| Band 13 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / | Power Middle Ch. / | Power High Ch. / | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | | 23230 | | | |
| Frequency (MHz) | | | | | 782 | | | |
| 10 | QPSK | 1 | 0 | | 22.86 | | 24.5 | 0 |
| 10 | QPSK | 1 | 25 | | 23.13 | | | |
| 10 | QPSK | 1 | 49 | | 24.02 | | | |
| 10 | QPSK | 25 | 0 | | 22.23 | | 23.5 | 1 |
| 10 | QPSK | 25 | 12 | | 22.04 | | | |
| 10 | QPSK | 25 | 25 | | 22.21 | | | |
| 10 | QPSK | 50 | 0 | | 22.64 | | | |
| 10 | 16QAM | 1 | 0 | | 21.84 | | 23.5 | 1 |
| 10 | 16QAM | 1 | 25 | | 22.39 | | | |
| 10 | 16QAM | 1 | 49 | | 23.22 | | | |
| 10 | 16QAM | 25 | 0 | | 20.76 | | 22.5 | 2 |
| 10 | 16QAM | 25 | 12 | | 21.12 | | | |
| 10 | 16QAM | 25 | 25 | | 21.34 | | | |
| 10 | 16QAM | 50 | 0 | | 21.01 | | | |
| 10 | 64QAM | 1 | 0 | | 20.02 | | 22.5 | 2 |
| 10 | 64QAM | 1 | 25 | | 20.59 | | | |
| 10 | 64QAM | 1 | 49 | | 21.38 | | | |
| 10 | 64QAM | 25 | 0 | | 19.03 | | 21.5 | 3 |
| 10 | 64QAM | 25 | 12 | | 19.10 | | | |
| 10 | 64QAM | 25 | 25 | | 19.42 | | | |
| 10 | 64QAM | 50 | 0 | | 19.14 | | | |
| Channel | | | | 23205 | 23230 | 23255 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 779.5 | 782 | 784.5 | | |
| 5 | QPSK | 1 | 0 | 22.46 | 23.41 | 23.06 | 24.5 | 0 |
| 5 | QPSK | 1 | 12 | 23.32 | 23.15 | 23.43 | | |
| 5 | QPSK | 1 | 24 | 23.26 | 23.41 | 23.95 | | |
| 5 | QPSK | 12 | 0 | 21.60 | 22.27 | 21.73 | 23.5 | 1 |
| 5 | QPSK | 12 | 7 | 22.44 | 21.79 | 22.34 | | |
| 5 | QPSK | 12 | 13 | 22.30 | 21.61 | 22.95 | | |
| 5 | QPSK | 25 | 0 | 22.27 | 22.02 | 22.31 | | |
| 5 | 16QAM | 1 | 0 | 21.90 | 22.77 | 22.44 | 23.5 | 1 |
| 5 | 16QAM | 1 | 12 | 22.79 | 22.47 | 22.82 | | |
| 5 | 16QAM | 1 | 24 | 22.75 | 22.73 | 23.27 | | |
| 5 | 16QAM | 12 | 0 | 20.34 | 21.34 | 20.93 | 22.5 | 2 |
| 5 | 16QAM | 12 | 7 | 21.30 | 21.01 | 21.47 | | |
| 5 | 16QAM | 12 | 13 | 21.46 | 20.90 | 22.10 | | |
| 5 | 16QAM | 25 | 0 | 20.79 | 21.06 | 21.45 | | |
| 5 | 64QAM | 1 | 0 | 20.04 | 20.77 | 20.64 | 22.5 | 2 |
| 5 | 64QAM | 1 | 12 | 20.68 | 20.63 | 21.01 | | |
| 5 | 64QAM | 1 | 24 | 20.85 | 20.74 | 21.33 | | |
| 5 | 64QAM | 12 | 0 | 19.00 | 19.45 | 19.09 | 21.5 | 3 |
| 5 | 64QAM | 12 | 7 | 19.37 | 19.14 | 19.65 | | |
| 5 | 64QAM | 12 | 13 | 19.61 | 19.00 | 20.30 | | |
| 5 | 64QAM | 25 | 0 | 19.07 | 19.09 | 19.55 | | |

| Band 26 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / | Power Middle Ch. / | Power High Ch. / | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 26765 | 26865 | 26965 | | |
| Frequency (MHz) | | | | 821.5 | 831.5 | 841.5 | | |
| 15 | QPSK | 1 | 0 | 23.92 | 23.81 | 23.80 | | |
| 15 | QPSK | 1 | 37 | 23.84 | 23.80 | 23.71 | 24.5 | 0 |
| 15 | QPSK | 1 | 74 | 23.81 | 23.69 | 23.48 | | |
| 15 | QPSK | 36 | 0 | 23.03 | 22.95 | 22.88 | | |
| 15 | QPSK | 36 | 20 | 23.02 | 22.88 | 22.83 | 23.5 | 1 |
| 15 | QPSK | 36 | 39 | 22.97 | 22.91 | 22.85 | | |
| 15 | QPSK | 75 | 0 | 23.03 | 22.87 | 22.83 | | |
| 15 | 16QAM | 1 | 0 | 22.80 | 22.67 | 22.66 | | |
| 15 | 16QAM | 1 | 37 | 22.67 | 22.67 | 22.59 | 23.5 | 1 |
| 15 | 16QAM | 1 | 74 | 22.62 | 22.53 | 22.41 | | |
| 15 | 16QAM | 36 | 0 | 21.53 | 21.46 | 21.37 | | |
| 15 | 16QAM | 36 | 20 | 21.57 | 21.43 | 21.30 | 22.5 | 2 |
| 15 | 16QAM | 36 | 39 | 21.50 | 21.43 | 21.33 | | |
| 15 | 16QAM | 75 | 0 | 21.55 | 21.40 | 21.36 | | |
| 15 | 64QAM | 1 | 0 | 21.41 | 21.48 | 21.56 | | |
| 15 | 64QAM | 1 | 37 | 21.67 | 21.59 | 21.48 | 22.5 | 2 |
| 15 | 64QAM | 1 | 74 | 21.65 | 21.47 | 20.99 | | |
| 15 | 64QAM | 36 | 0 | 20.50 | 20.51 | 20.43 | | |
| 15 | 64QAM | 36 | 20 | 20.56 | 20.45 | 20.38 | 21.5 | 3 |
| 15 | 64QAM | 36 | 39 | 20.53 | 20.46 | 20.37 | | |
| 15 | 64QAM | 75 | 0 | 20.53 | 20.43 | 20.36 | | |
| Channel | | | | 26740 | 26865 | 26990 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 819 | 831.5 | 844 | | |
| 10 | QPSK | 1 | 0 | 23.79 | 23.72 | 23.54 | | |
| 10 | QPSK | 1 | 25 | 23.65 | 23.57 | 23.43 | 24.5 | 0 |
| 10 | QPSK | 1 | 49 | 23.64 | 23.56 | 23.34 | | |
| 10 | QPSK | 25 | 0 | 22.88 | 22.72 | 22.60 | | |
| 10 | QPSK | 25 | 12 | 22.84 | 22.68 | 22.58 | 23.5 | 1 |
| 10 | QPSK | 25 | 25 | 22.78 | 22.70 | 22.58 | | |
| 10 | QPSK | 50 | 0 | 22.84 | 22.68 | 22.55 | | |
| 10 | 16QAM | 1 | 0 | 22.67 | 22.55 | 22.46 | | |
| 10 | 16QAM | 1 | 25 | 22.57 | 22.48 | 22.39 | 23.5 | 1 |
| 10 | 16QAM | 1 | 49 | 22.53 | 22.46 | 22.29 | | |
| 10 | 16QAM | 25 | 0 | 21.39 | 21.23 | 21.11 | | |
| 10 | 16QAM | 25 | 12 | 21.35 | 21.23 | 21.08 | 22.5 | 2 |
| 10 | 16QAM | 25 | 25 | 21.27 | 21.18 | 21.05 | | |
| 10 | 16QAM | 50 | 0 | 21.35 | 21.17 | 21.06 | | |
| 10 | 64QAM | 1 | 0 | 21.36 | 21.40 | 21.27 | | |
| 10 | 64QAM | 1 | 25 | 21.49 | 21.44 | 21.30 | 22.5 | 2 |
| 10 | 64QAM | 1 | 49 | 21.44 | 21.34 | 20.87 | | |
| 10 | 64QAM | 25 | 0 | 20.38 | 20.25 | 20.13 | | |
| 10 | 64QAM | 25 | 12 | 20.40 | 20.26 | 20.13 | 21.5 | 3 |
| 10 | 64QAM | 25 | 25 | 20.31 | 20.24 | 20.09 | | |
| 10 | 64QAM | 50 | 0 | 20.39 | 20.22 | 20.08 | | |
| Channel | | | | 26715 | 26865 | 27015 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 816.5 | 831.5 | 846.5 | | |
| 5 | QPSK | 1 | 0 | 23.85 | 23.62 | 23.53 | | |
| 5 | QPSK | 1 | 12 | 23.79 | 23.65 | 23.33 | 24.5 | 0 |
| 5 | QPSK | 1 | 24 | 23.67 | 23.63 | 23.14 | | |
| 5 | QPSK | 12 | 0 | 22.89 | 22.72 | 22.60 | | |
| 5 | QPSK | 12 | 7 | 22.86 | 22.76 | 22.43 | 23.5 | 1 |
| 5 | QPSK | 12 | 13 | 22.79 | 22.68 | 22.20 | | |
| 5 | QPSK | 25 | 0 | 22.82 | 22.66 | 22.42 | | |
| 5 | 16QAM | 1 | 0 | 22.66 | 22.46 | 22.37 | | |
| 5 | 16QAM | 1 | 12 | 22.61 | 22.52 | 22.32 | 23.5 | 1 |
| 5 | 16QAM | 1 | 24 | 22.51 | 22.46 | 22.24 | | |
| 5 | 16QAM | 12 | 0 | 21.45 | 21.29 | 21.14 | | |
| 5 | 16QAM | 12 | 7 | 21.43 | 21.31 | 21.11 | 22.5 | 2 |
| 5 | 16QAM | 12 | 13 | 21.32 | 21.22 | 21.03 | | |
| 5 | 16QAM | 25 | 0 | 21.39 | 21.21 | 21.05 | | |
| 5 | 64QAM | 1 | 0 | 21.20 | 21.43 | 21.15 | | |
| 5 | 64QAM | 1 | 12 | 21.48 | 21.48 | 20.94 | 22.5 | 2 |
| 5 | 64QAM | 1 | 24 | 21.47 | 21.43 | 20.69 | | |
| 5 | 64QAM | 12 | 0 | 20.33 | 20.33 | 20.02 | | |
| 5 | 64QAM | 12 | 7 | 20.47 | 20.38 | 19.85 | 21.5 | 3 |
| 5 | 64QAM | 12 | 13 | 20.38 | 20.27 | 19.64 | | |
| 5 | 64QAM | 25 | 0 | 20.28 | 20.22 | 19.76 | | |
| Channel | | | | 26705 | 26865 | 27025 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 815.5 | 831.5 | 847.5 | | |
| 3 | QPSK | 1 | 0 | 23.82 | 23.63 | 23.43 | | |
| 3 | QPSK | 1 | 8 | 23.80 | 23.70 | 23.28 | 24.5 | 0 |
| 3 | QPSK | 1 | 14 | 23.69 | 23.61 | 23.14 | | |
| 3 | QPSK | 8 | 0 | 22.90 | 22.71 | 22.39 | | |
| 3 | QPSK | 8 | 4 | 22.88 | 22.77 | 22.29 | 23.5 | 1 |
| 3 | QPSK | 8 | 7 | 22.82 | 22.68 | 22.21 | | |
| 3 | QPSK | 15 | 0 | 22.86 | 22.66 | 22.28 | | |
| 3 | 16QAM | 1 | 0 | 22.71 | 22.44 | 22.30 | | |
| 3 | 16QAM | 1 | 8 | 22.67 | 22.54 | 22.28 | 23.5 | 1 |
| 3 | 16QAM | 1 | 14 | 22.52 | 22.46 | 22.21 | | |
| 3 | 16QAM | 8 | 0 | 21.48 | 21.29 | 21.13 | | |
| 3 | 16QAM | 8 | 4 | 21.46 | 21.36 | 21.13 | 22.5 | 2 |
| 3 | 16QAM | 8 | 7 | 21.42 | 21.26 | 21.06 | | |
| 3 | 16QAM | 15 | 0 | 21.41 | 21.21 | 21.06 | | |
| 3 | 64QAM | 1 | 0 | 21.20 | 21.37 | 20.96 | | |
| 3 | 64QAM | 1 | 8 | 21.50 | 21.50 | 20.86 | 22.5 | 2 |
| 3 | 64QAM | 1 | 14 | 21.42 | 21.44 | 20.69 | | |
| 3 | 64QAM | 8 | 0 | 20.20 | 20.30 | 19.81 | | |
| 3 | 64QAM | 8 | 4 | 20.35 | 20.34 | 19.74 | 21.5 | 3 |
| 3 | 64QAM | 8 | 7 | 20.43 | 20.29 | 19.67 | | |
| 3 | 64QAM | 15 | 0 | 20.26 | 20.23 | 19.72 | | |
| Channel | | | | 26697 | 26865 | 27033 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 814.7 | 831.5 | 848.3 | | |
| 1.4 | QPSK | 1 | 0 | 23.76 | 23.53 | 22.81 | | |
| 1.4 | QPSK | 1 | 3 | 23.78 | 23.61 | 22.87 | | |
| 1.4 | QPSK | 1 | 5 | 23.67 | 23.53 | 22.68 | 24.5 | 0 |
| 1.4 | QPSK | 3 | 0 | 23.77 | 23.56 | 22.85 | | |
| 1.4 | QPSK | 3 | 1 | 23.80 | 23.66 | 22.85 | | |
| 1.4 | QPSK | 3 | 3 | 23.75 | 23.57 | 22.79 | | |
| 1.4 | QPSK | 6 | 0 | 22.83 | 22.65 | 21.91 | 23.5 | 1 |
| 1.4 | 16QAM | 1 | 0 | 22.56 | 22.34 | 21.93 | | |
| 1.4 | 16QAM | 1 | 3 | 22.59 | 22.45 | 21.93 | | |
| 1.4 | 16QAM | 1 | 5 | 22.52 | 22.36 | 21.83 | 23.5 | 1 |
| 1.4 | 16QAM | 3 | 0 | 22.34 | 22.16 | 21.74 | | |
| 1.4 | 16QAM | 3 | 1 | 22.41 | 22.27 | 21.75 | | |
| 1.4 | 16QAM | 3 | 3 | 22.30 | 22.15 | 21.68 | | |
| 1.4 | 16QAM | 6 | 0 | 21.40 | 21.24 | 20.76 | 22.5 | 2 |
| 1.4 | 64QAM | 1 | 0 | 21.24 | 21.33 | 20.53 | | |
| 1.4 | 64QAM | 1 | 3 | 21.37 | 21.40 | 20.52 | | |
| 1.4 | 64QAM | 1 | 5 | 21.34 | 21.34 | 20.50 | 22.5 | 2 |
| 1.4 | 64QAM | 3 | 0 | 21.21 | 21.24 | 20.51 | | |
| 1.4 | 64QAM | 3 | 1 | 21.31 | 21.37 | 20.51 | | |
| 1.4 | 64QAM | 3 | 3 | 21.29 | 21.29 | 20.52 | | |
| 1.4 | 64QAM | 6 | 0 | 20.18 | 20.20 | 19.50 | 21.5 | 3 |

## Band 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 20.29 | 20.48 | 20.64 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 20.27 | 20.57 | 20.59 | | |
| 20 | QPSK | 1 | 99 | 20.28 | 20.67 | 20.33 | | |
| 20 | QPSK | 50 | 0 | 20.34 | 20.54 | 20.78 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 20.44 | 20.73 | 20.68 | | |
| 20 | QPSK | 50 | 50 | 20.43 | 20.77 | 20.61 | | |
| 20 | QPSK | 100 | 0 | 20.39 | 20.69 | 20.71 | | |
| 20 | 16QAM | 1 | 0 | 20.15 | 20.31 | 20.47 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 20.13 | 20.38 | 20.47 | | |
| 20 | 16QAM | 1 | 99 | 20.14 | 20.49 | 20.20 | | |
| 20 | 16QAM | 50 | 0 | 19.85 | 20.08 | 20.30 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.94 | 20.23 | 20.24 | | |
| 20 | 16QAM | 50 | 50 | 19.95 | 20.28 | 20.12 | | |
| 20 | 16QAM | 100 | 0 | 19.93 | 20.19 | 20.21 | | |
| 20 | 64QAM | 1 | 0 | 20.04 | 20.19 | 20.41 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 20.10 | 20.25 | 20.33 | | |
| 20 | 64QAM | 1 | 99 | 20.00 | 20.05 | 20.11 | | |
| 20 | 64QAM | 50 | 0 | 19.85 | 20.03 | 20.33 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 19.97 | 20.09 | 20.26 | | |
| 20 | 64QAM | 50 | 50 | 20.00 | 20.07 | 20.14 | | |
| 20 | 64QAM | 100 | 0 | 19.99 | 20.11 | 20.20 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 20.25 | 20.48 | 20.76 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 20.25 | 20.56 | 20.48 | | |
| 15 | QPSK | 1 | 74 | 20.31 | 20.60 | 20.36 | | |
| 15 | QPSK | 36 | 0 | 20.32 | 20.55 | 20.72 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 20.41 | 20.71 | 20.66 | | |
| 15 | QPSK | 36 | 39 | 20.42 | 20.74 | 20.58 | | |
| 15 | QPSK | 75 | 0 | 20.40 | 20.71 | 20.62 | | |
| 15 | 16QAM | 1 | 0 | 20.09 | 20.38 | 20.50 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 20.12 | 20.39 | 20.25 | | |
| 15 | 16QAM | 1 | 74 | 20.15 | 20.49 | 20.15 | | |
| 15 | 16QAM | 36 | 0 | 19.82 | 20.07 | 20.24 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.92 | 20.23 | 20.18 | | |
| 15 | 16QAM | 36 | 39 | 19.92 | 20.26 | 20.05 | | |
| 15 | 16QAM | 75 | 0 | 19.92 | 20.21 | 20.12 | | |
| 15 | 64QAM | 1 | 0 | 20.01 | 20.24 | 20.15 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 19.98 | 20.42 | 20.33 | | |
| 15 | 64QAM | 1 | 74 | 20.05 | 20.48 | 20.35 | | |
| 15 | 64QAM | 36 | 0 | 19.87 | 20.11 | 20.15 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.97 | 20.28 | 20.21 | | |
| 15 | 64QAM | 36 | 39 | 19.99 | 20.31 | 20.22 | | |
| 15 | 64QAM | 75 | 0 | 19.95 | 20.24 | 20.20 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 20.06 | 20.25 | 20.38 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.98 | 20.31 | 20.20 | | |
| 10 | QPSK | 1 | 49 | 20.01 | 20.45 | 20.17 | | |
| 10 | QPSK | 25 | 0 | 20.10 | 20.35 | 20.31 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 20.14 | 20.42 | 20.28 | | |
| 10 | QPSK | 25 | 25 | 20.16 | 20.53 | 20.33 | | |
| 10 | QPSK | 50 | 0 | 20.17 | 20.49 | 20.30 | | |
| 10 | 16QAM | 1 | 0 | 19.93 | 20.16 | 20.27 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.86 | 20.21 | 20.09 | | |
| 10 | 16QAM | 1 | 49 | 19.92 | 20.30 | 20.08 | | |
| 10 | 16QAM | 25 | 0 | 19.72 | 19.85 | 19.84 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.67 | 19.92 | 19.80 | | |
| 10 | 16QAM | 25 | 25 | 19.66 | 20.01 | 19.87 | | |
| 10 | 16QAM | 50 | 0 | 19.70 | 19.99 | 19.80 | | |
| 10 | 64QAM | 1 | 0 | 19.83 | 19.98 | 20.12 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.84 | 20.17 | 20.03 | | |
| 10 | 64QAM | 1 | 49 | 19.80 | 20.22 | 19.99 | | |
| 10 | 64QAM | 25 | 0 | 19.67 | 19.90 | 19.87 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.69 | 19.97 | 19.83 | | |
| 10 | 64QAM | 25 | 25 | 19.73 | 20.07 | 19.89 | | |
| 10 | 64QAM | 50 | 0 | 19.72 | 20.05 | 19.86 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 20.00 | 20.22 | 20.17 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 20.07 | 20.40 | 20.21 | | |
| 5 | QPSK | 1 | 24 | 20.07 | 20.46 | 20.22 | | |
| 5 | QPSK | 12 | 0 | 20.11 | 20.36 | 20.30 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 20.17 | 20.49 | 20.36 | | |
| 5 | QPSK | 12 | 13 | 20.13 | 20.52 | 20.31 | | |
| 5 | QPSK | 25 | 0 | 20.10 | 20.45 | 20.27 | | |
| 5 | 16QAM | 1 | 0 | 19.85 | 20.07 | 20.03 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.85 | 20.20 | 19.99 | | |
| 5 | 16QAM | 1 | 24 | 19.87 | 20.27 | 20.04 | | |
| 5 | 16QAM | 12 | 0 | 19.66 | 19.92 | 19.82 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.68 | 20.03 | 19.89 | | |
| 5 | 16QAM | 12 | 13 | 19.68 | 20.04 | 19.87 | | |
| 5 | 16QAM | 25 | 0 | 19.66 | 19.98 | 19.83 | | |
| 5 | 64QAM | 1 | 0 | 19.81 | 20.02 | 19.99 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.86 | 20.12 | 20.00 | | |
| 5 | 64QAM | 1 | 24 | 19.84 | 20.20 | 19.98 | | |
| 5 | 64QAM | 12 | 0 | 19.70 | 19.99 | 19.90 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.76 | 20.12 | 19.96 | | |
| 5 | 64QAM | 12 | 13 | 19.76 | 20.09 | 19.91 | | |
| 5 | 64QAM | 25 | 0 | 19.66 | 19.99 | 19.84 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 20.00 | 20.28 | 20.18 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 20.08 | 20.41 | 20.25 | | |
| 3 | QPSK | 1 | 14 | 20.00 | 20.42 | 20.17 | | |
| 3 | QPSK | 8 | 0 | 20.12 | 20.38 | 20.33 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 20.14 | 20.49 | 20.31 | | |
| 3 | QPSK | 8 | 7 | 20.12 | 20.46 | 20.29 | | |
| 3 | QPSK | 15 | 0 | 20.12 | 20.41 | 20.28 | | |
| 3 | 16QAM | 1 | 0 | 19.81 | 20.05 | 20.07 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 19.91 | 20.28 | 20.09 | | |
| 3 | 16QAM | 1 | 14 | 19.88 | 20.21 | 19.99 | | |
| 3 | 16QAM | 8 | 0 | 19.66 | 19.91 | 19.84 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.70 | 20.04 | 19.87 | | |
| 3 | 16QAM | 8 | 7 | 19.68 | 20.02 | 19.86 | | |
| 3 | 16QAM | 15 | 0 | 19.65 | 19.98 | 19.84 | | |
| 3 | 64QAM | 1 | 0 | 19.76 | 20.02 | 19.96 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.88 | 20.18 | 20.04 | | |
| 3 | 64QAM | 1 | 14 | 19.83 | 20.19 | 19.97 | | |
| 3 | 64QAM | 8 | 0 | 19.70 | 19.94 | 19.88 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.74 | 20.04 | 19.90 | | |
| 3 | 64QAM | 8 | 7 | 19.71 | 20.06 | 19.88 | | |
| 3 | 64QAM | 15 | 0 | 19.67 | 20.01 | 19.86 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.96 | 20.23 | 20.09 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.01 | 20.35 | 20.16 | | |
| 1.4 | QPSK | 1 | 5 | 19.95 | 20.30 | 20.09 | | |
| 1.4 | QPSK | 3 | 0 | 19.98 | 20.26 | 20.11 | | |
| 1.4 | QPSK | 3 | 1 | 20.00 | 20.32 | 20.16 | | |
| 1.4 | QPSK | 3 | 3 | 19.98 | 20.31 | 20.11 | | |
| 1.4 | QPSK | 6 | 0 | 20.04 | 20.36 | 20.19 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.72 | 20.09 | 19.93 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.84 | 20.15 | 19.96 | | |
| 1.4 | 16QAM | 1 | 5 | 19.76 | 20.10 | 19.93 | | |
| 1.4 | 16QAM | 3 | 0 | 19.53 | 19.87 | 19.70 | | |
| 1.4 | 16QAM | 3 | 1 | 19.61 | 19.92 | 19.75 | | |
| 1.4 | 16QAM | 3 | 3 | 19.53 | 19.89 | 19.70 | | |
| 1.4 | 16QAM | 6 | 0 | 19.61 | 19.94 | 19.77 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.72 | 20.04 | 19.84 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.81 | 20.09 | 19.97 | | |
| 1.4 | 64QAM | 1 | 5 | 19.69 | 20.04 | 19.83 | | |
| 1.4 | 64QAM | 3 | 0 | 19.67 | 20.00 | 19.82 | | |
| 1.4 | 64QAM | 3 | 1 | 19.76 | 20.06 | 19.88 | | |
| 1.4 | 64QAM | 3 | 3 | 19.69 | 20.05 | 19.84 | | |
| 1.4 | 64QAM | 6 | 0 | 19.54 | 19.91 | 19.71 | 21 | 0 |

| Band 4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 20.28 | 20.39 | 20.55 | | |
| 20 | QPSK | 1 | 49 | 20.16 | 20.32 | 20.35 | 21 | 0 |
| 20 | QPSK | 1 | 99 | 20.32 | 20.35 | 20.38 | | |
| 20 | QPSK | 50 | 0 | 20.38 | 20.53 | 20.60 | | |
| 20 | QPSK | 50 | 24 | 20.43 | 20.46 | 20.61 | 21 | 0 |
| 20 | QPSK | 50 | 50 | 20.38 | 20.47 | 20.55 | | |
| 20 | QPSK | 100 | 0 | 20.35 | 20.49 | 20.51 | | |
| 20 | 16QAM | 1 | 0 | 20.13 | 20.23 | 20.40 | | |
| 20 | 16QAM | 1 | 49 | 20.08 | 20.26 | 20.30 | 21 | 0 |
| 20 | 16QAM | 1 | 99 | 20.22 | 20.31 | 20.32 | | |
| 20 | 16QAM | 50 | 0 | 19.88 | 20.04 | 20.12 | | |
| 20 | 16QAM | 50 | 24 | 19.95 | 20.01 | 20.06 | 21 | 0 |
| 20 | 16QAM | 50 | 50 | 19.90 | 20.05 | 20.08 | | |
| 20 | 16QAM | 100 | 0 | 19.93 | 20.00 | 20.05 | | |
| 20 | 64QAM | 1 | 0 | 20.03 | 20.22 | 20.28 | | |
| 20 | 64QAM | 1 | 49 | 19.92 | 20.13 | 20.20 | 21 | 0 |
| 20 | 64QAM | 1 | 99 | 20.12 | 20.15 | 20.22 | | |
| 20 | 64QAM | 50 | 0 | 19.89 | 20.04 | 20.15 | | |
| 20 | 64QAM | 50 | 24 | 19.96 | 20.02 | 20.09 | 21 | 0 |
| 20 | 64QAM | 50 | 50 | 19.94 | 20.04 | 20.11 | | |
| 20 | 64QAM | 100 | 0 | 19.97 | 20.00 | 20.07 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 20.29 | 20.47 | 20.55 | | |
| 15 | QPSK | 1 | 37 | 20.18 | 20.32 | 20.40 | 21 | 0 |
| 15 | QPSK | 1 | 74 | 20.21 | 20.36 | 20.42 | | |
| 15 | QPSK | 36 | 0 | 20.28 | 20.51 | 20.60 | | |
| 15 | QPSK | 36 | 20 | 20.33 | 20.47 | 20.59 | 21 | 0 |
| 15 | QPSK | 36 | 39 | 20.32 | 20.52 | 20.55 | | |
| 15 | QPSK | 75 | 0 | 20.35 | 20.45 | 20.60 | | |
| 15 | 16QAM | 1 | 0 | 20.07 | 20.27 | 20.39 | | |
| 15 | 16QAM | 1 | 37 | 19.95 | 20.26 | 20.28 | 21 | 0 |
| 15 | 16QAM | 1 | 74 | 20.06 | 20.26 | 20.31 | | |
| 15 | 16QAM | 36 | 0 | 19.85 | 20.01 | 20.11 | | |
| 15 | 16QAM | 36 | 20 | 19.87 | 19.97 | 20.13 | 21 | 0 |
| 15 | 16QAM | 36 | 39 | 19.87 | 20.00 | 20.08 | | |
| 15 | 16QAM | 75 | 0 | 19.87 | 19.99 | 20.14 | | |
| 15 | 64QAM | 1 | 0 | 19.95 | 20.24 | 20.30 | | |
| 15 | 64QAM | 1 | 37 | 19.97 | 20.14 | 20.31 | 21 | 0 |
| 15 | 64QAM | 1 | 74 | 19.99 | 20.03 | 20.25 | | |
| 15 | 64QAM | 36 | 0 | 19.85 | 20.07 | 20.15 | | |
| 15 | 64QAM | 36 | 20 | 19.90 | 20.00 | 20.15 | 21 | 0 |
| 15 | 64QAM | 36 | 39 | 19.88 | 20.07 | 20.13 | | |
| 15 | 64QAM | 75 | 0 | 19.89 | 20.00 | 20.15 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 19.96 | 20.16 | 20.31 | | |
| 10 | QPSK | 1 | 25 | 19.95 | 20.19 | 20.29 | 21 | 0 |
| 10 | QPSK | 1 | 49 | 20.01 | 20.22 | 20.32 | | |
| 10 | QPSK | 25 | 0 | 20.06 | 20.23 | 20.32 | | |
| 10 | QPSK | 25 | 12 | 20.14 | 20.27 | 20.38 | 21 | 0 |
| 10 | QPSK | 25 | 25 | 20.13 | 20.39 | 20.44 | | |
| 10 | QPSK | 50 | 0 | 20.14 | 20.27 | 20.39 | | |
| 10 | 16QAM | 1 | 0 | 19.83 | 20.00 | 20.17 | | |
| 10 | 16QAM | 1 | 25 | 19.85 | 20.07 | 20.18 | 21 | 0 |
| 10 | 16QAM | 1 | 49 | 19.91 | 20.12 | 20.18 | | |
| 10 | 16QAM | 25 | 0 | 19.61 | 19.77 | 19.87 | | |
| 10 | 16QAM | 25 | 12 | 19.68 | 19.80 | 19.92 | 21 | 0 |
| 10 | 16QAM | 25 | 25 | 19.63 | 19.84 | 19.95 | | |
| 10 | 16QAM | 50 | 0 | 19.66 | 19.79 | 19.90 | | |
| 10 | 64QAM | 1 | 0 | 19.72 | 19.99 | 20.01 | | |
| 10 | 64QAM | 1 | 25 | 19.80 | 20.03 | 20.09 | 21 | 0 |
| 10 | 64QAM | 1 | 49 | 19.85 | 20.00 | 20.10 | | |
| 10 | 64QAM | 25 | 0 | 19.64 | 19.79 | 19.90 | | |
| 10 | 64QAM | 25 | 12 | 19.68 | 19.83 | 19.94 | 21 | 0 |
| 10 | 64QAM | 25 | 25 | 19.68 | 19.92 | 19.99 | | |
| 10 | 64QAM | 50 | 0 | 19.71 | 19.81 | 19.93 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 20.00 | 20.17 | 20.30 | | |
| 5 | QPSK | 1 | 12 | 20.03 | 20.30 | 20.37 | 21 | 0 |
| 5 | QPSK | 1 | 24 | 20.04 | 20.26 | 20.33 | | |
| 5 | QPSK | 12 | 0 | 20.07 | 20.27 | 20.39 | | |
| 5 | QPSK | 12 | 7 | 20.15 | 20.31 | 20.44 | 21 | 0 |
| 5 | QPSK | 12 | 13 | 20.10 | 20.35 | 20.43 | | |
| 5 | QPSK | 25 | 0 | 20.09 | 20.27 | 20.39 | | |
| 5 | 16QAM | 1 | 0 | 19.79 | 19.95 | 20.14 | | |
| 5 | 16QAM | 1 | 12 | 19.83 | 20.03 | 20.06 | 21 | 0 |
| 5 | 16QAM | 1 | 24 | 19.85 | 20.07 | 20.15 | | |
| 5 | 16QAM | 12 | 0 | 19.65 | 19.77 | 19.93 | | |
| 5 | 16QAM | 12 | 7 | 19.67 | 19.83 | 19.96 | 21 | 0 |
| 5 | 16QAM | 12 | 13 | 19.66 | 19.87 | 19.93 | | |
| 5 | 16QAM | 25 | 0 | 19.64 | 19.76 | 19.94 | | |
| 5 | 64QAM | 1 | 0 | 19.73 | 19.99 | 20.07 | | |
| 5 | 64QAM | 1 | 12 | 19.81 | 19.98 | 20.09 | 21 | 0 |
| 5 | 64QAM | 1 | 24 | 19.83 | 19.99 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.65 | 19.84 | 19.99 | | |
| 5 | 64QAM | 12 | 7 | 19.73 | 19.87 | 20.03 | 21 | 0 |
| 5 | 64QAM | 12 | 13 | 19.70 | 19.91 | 20.00 | | |
| 5 | 64QAM | 25 | 0 | 19.64 | 19.80 | 19.95 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 20.01 | 20.14 | 20.32 | | |
| 3 | QPSK | 1 | 8 | 20.05 | 20.29 | 20.39 | 21 | 0 |
| 3 | QPSK | 1 | 14 | 20.00 | 20.26 | 20.32 | | |
| 3 | QPSK | 8 | 0 | 20.05 | 20.26 | 20.39 | | |
| 3 | QPSK | 8 | 4 | 20.11 | 20.30 | 20.43 | 21 | 0 |
| 3 | QPSK | 8 | 7 | 20.09 | 20.34 | 20.39 | | |
| 3 | QPSK | 15 | 0 | 20.09 | 20.27 | 20.41 | | |
| 3 | 16QAM | 1 | 0 | 19.81 | 19.97 | 20.14 | | |
| 3 | 16QAM | 1 | 8 | 19.93 | 20.07 | 20.17 | 21 | 0 |
| 3 | 16QAM | 1 | 14 | 19.82 | 20.08 | 20.12 | | |
| 3 | 16QAM | 8 | 0 | 19.65 | 19.82 | 19.94 | | |
| 3 | 16QAM | 8 | 4 | 19.68 | 19.86 | 19.99 | 21 | 0 |
| 3 | 16QAM | 8 | 7 | 19.66 | 19.91 | 19.95 | | |
| 3 | 16QAM | 15 | 0 | 19.62 | 19.81 | 19.96 | | |
| 3 | 64QAM | 1 | 0 | 19.74 | 19.91 | 20.05 | | |
| 3 | 64QAM | 1 | 8 | 19.83 | 20.02 | 20.10 | 21 | 0 |
| 3 | 64QAM | 1 | 14 | 19.79 | 19.96 | 20.06 | | |
| 3 | 64QAM | 8 | 0 | 19.59 | 19.82 | 19.97 | | |
| 3 | 64QAM | 8 | 4 | 19.70 | 19.87 | 20.03 | 21 | 0 |
| 3 | 64QAM | 8 | 7 | 19.67 | 19.89 | 19.98 | | |
| 3 | 64QAM | 15 | 0 | 19.61 | 19.83 | 19.94 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.88 | 20.08 | 20.17 | | |
| 1.4 | QPSK | 1 | 3 | 19.95 | 20.21 | 20.26 | | |
| 1.4 | QPSK | 1 | 5 | 19.86 | 20.11 | 20.22 | 21 | 0 |
| 1.4 | QPSK | 3 | 0 | 19.91 | 20.09 | 20.22 | | |
| 1.4 | QPSK | 3 | 1 | 19.95 | 20.16 | 20.24 | | |
| 1.4 | QPSK | 3 | 3 | 19.92 | 20.17 | 20.22 | | |
| 1.4 | QPSK | 6 | 0 | 19.99 | 20.17 | 20.32 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.71 | 19.87 | 20.05 | | |
| 1.4 | 16QAM | 1 | 3 | 19.80 | 20.05 | 20.11 | | |
| 1.4 | 16QAM | 1 | 5 | 19.73 | 19.96 | 20.05 | 21 | 0 |
| 1.4 | 16QAM | 3 | 0 | 19.54 | 19.69 | 19.84 | | |
| 1.4 | 16QAM | 3 | 1 | 19.56 | 19.80 | 19.85 | | |
| 1.4 | 16QAM | 3 | 3 | 19.53 | 19.74 | 19.81 | | |
| 1.4 | 16QAM | 6 | 0 | 19.56 | 19.77 | 19.93 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.67 | 19.85 | 19.97 | | |
| 1.4 | 64QAM | 1 | 3 | 19.73 | 19.97 | 20.04 | | |
| 1.4 | 64QAM | 1 | 5 | 19.67 | 19.89 | 19.92 | 21 | 0 |
| 1.4 | 64QAM | 3 | 0 | 19.63 | 19.81 | 19.93 | | |
| 1.4 | 64QAM | 3 | 1 | 19.70 | 19.93 | 19.98 | | |
| 1.4 | 64QAM | 3 | 3 | 19.63 | 19.86 | 19.96 | | |
| 1.4 | 64QAM | 6 | 0 | 19.38 | 19.70 | 19.82 | 21 | 0 |

| Band 7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.44 | 19.45 | 19.11 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 19.48 | 19.50 | 19.12 | | |
| 20 | QPSK | 1 | 99 | 19.54 | 19.51 | 19.07 | | |
| 20 | QPSK | 50 | 0 | 19.51 | 19.59 | 19.18 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 19.63 | 19.59 | 19.27 | | |
| 20 | QPSK | 50 | 50 | 19.64 | 19.65 | 19.28 | | |
| 20 | QPSK | 100 | 0 | 19.57 | 19.60 | 19.19 | | |
| 20 | 16QAM | 1 | 0 | 19.30 | 19.31 | 18.98 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 19.26 | 19.37 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 19.38 | 19.35 | 18.92 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.11 | 18.68 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 19.12 | 19.12 | 18.77 | | |
| 20 | 16QAM | 50 | 50 | 19.11 | 19.16 | 18.74 | | |
| 20 | 16QAM | 100 | 0 | 19.11 | 19.08 | 18.68 | | |
| 20 | 64QAM | 1 | 0 | 19.12 | 19.15 | 18.78 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 19.17 | 19.23 | 18.82 | | |
| 20 | 64QAM | 1 | 99 | 19.30 | 19.27 | 18.86 | | |
| 20 | 64QAM | 50 | 0 | 19.03 | 19.14 | 18.74 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 19.13 | 19.15 | 18.81 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.19 | 18.77 | | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.11 | 18.69 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.44 | 19.44 | 19.10 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 19.46 | 19.46 | 19.07 | | |
| 15 | QPSK | 1 | 74 | 19.54 | 19.52 | 19.08 | | |
| 15 | QPSK | 36 | 0 | 19.48 | 19.55 | 19.15 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.56 | 19.16 | | |
| 15 | QPSK | 36 | 39 | 19.56 | 19.63 | 19.19 | | |
| 15 | QPSK | 75 | 0 | 19.58 | 19.56 | 19.15 | | |
| 15 | 16QAM | 1 | 0 | 19.25 | 19.29 | 18.92 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 19.29 | 19.32 | 18.90 | | |
| 15 | 16QAM | 1 | 74 | 19.36 | 19.35 | 18.90 | | |
| 15 | 16QAM | 36 | 0 | 18.97 | 19.07 | 18.68 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 19.07 | 19.06 | 18.66 | | |
| 15 | 16QAM | 36 | 39 | 19.09 | 19.13 | 18.72 | | |
| 15 | 16QAM | 75 | 0 | 19.06 | 19.05 | 18.65 | | |
| 15 | 64QAM | 1 | 0 | 19.10 | 19.20 | 18.79 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 19.19 | 19.31 | 18.87 | | |
| 15 | 64QAM | 1 | 74 | 19.32 | 19.25 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 19.01 | 19.11 | 18.71 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 19.10 | 19.11 | 18.70 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.17 | 18.74 | | |
| 15 | 64QAM | 75 | 0 | 19.08 | 19.08 | 18.65 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.41 | 19.47 | 19.09 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 19.42 | 19.47 | 19.08 | | |
| 10 | QPSK | 1 | 49 | 19.53 | 19.49 | 19.06 | | |
| 10 | QPSK | 25 | 0 | 19.48 | 19.56 | 19.16 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 19.55 | 19.57 | 19.15 | | |
| 10 | QPSK | 25 | 25 | 19.58 | 19.63 | 19.17 | | |
| 10 | QPSK | 50 | 0 | 19.56 | 19.56 | 19.14 | | |
| 10 | 16QAM | 1 | 0 | 19.29 | 19.27 | 18.92 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 19.28 | 19.39 | 18.91 | | |
| 10 | 16QAM | 1 | 49 | 19.33 | 19.33 | 18.92 | | |
| 10 | 16QAM | 25 | 0 | 18.96 | 19.07 | 18.67 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 19.09 | 19.07 | 18.65 | | |
| 10 | 16QAM | 25 | 25 | 19.08 | 19.13 | 18.72 | | |
| 10 | 16QAM | 50 | 0 | 19.03 | 19.04 | 18.63 | | |
| 10 | 64QAM | 1 | 0 | 19.10 | 19.19 | 18.79 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 19.13 | 19.28 | 18.86 | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.28 | 18.80 | | |
| 10 | 64QAM | 25 | 0 | 19.03 | 19.11 | 18.72 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 19.10 | 19.15 | 18.71 | | |
| 10 | 64QAM | 25 | 25 | 19.11 | 19.18 | 18.74 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.09 | 18.66 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.14 | 19.18 | 18.69 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 19.16 | 19.30 | 18.66 | | |
| 5 | QPSK | 1 | 24 | 19.17 | 19.28 | 18.66 | | |
| 5 | QPSK | 12 | 0 | 19.29 | 19.34 | 18.81 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 19.30 | 19.35 | 18.79 | | |
| 5 | QPSK | 12 | 13 | 19.28 | 19.41 | 18.82 | | |
| 5 | QPSK | 25 | 0 | 19.28 | 19.29 | 18.82 | | |
| 5 | 16QAM | 1 | 0 | 18.98 | 18.99 | 18.55 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 19.00 | 18.99 | 18.49 | | |
| 5 | 16QAM | 1 | 24 | 18.99 | 19.05 | 18.55 | | |
| 5 | 16QAM | 12 | 0 | 18.82 | 18.87 | 18.33 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.81 | 18.87 | 18.34 | | |
| 5 | 16QAM | 12 | 13 | 18.81 | 18.90 | 18.34 | | |
| 5 | 16QAM | 25 | 0 | 18.79 | 18.83 | 18.34 | | |
| 5 | 64QAM | 1 | 0 | 18.93 | 18.94 | 18.49 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.91 | 18.99 | 18.44 | | |
| 5 | 64QAM | 1 | 24 | 18.91 | 19.02 | 18.42 | | |
| 5 | 64QAM | 12 | 0 | 18.87 | 18.91 | 18.38 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.87 | 18.95 | 18.41 | | |
| 5 | 64QAM | 12 | 13 | 18.84 | 18.98 | 18.39 | | |
| 5 | 64QAM | 25 | 0 | 18.83 | 18.86 | 18.35 | | |

| Band 25 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 20.30 | 20.47 | 20.72 | | |
| 20 | QPSK | 1 | 49 | 20.24 | 20.53 | 20.49 | 21 | 0 |
| 20 | QPSK | 1 | 99 | 20.24 | 20.62 | 20.39 | | |
| 20 | QPSK | 50 | 0 | 20.32 | 20.57 | 20.73 | | |
| 20 | QPSK | 50 | 24 | 20.43 | 20.71 | 20.58 | 21 | 0 |
| 20 | QPSK | 50 | 50 | 20.39 | 20.72 | 20.58 | | |
| 20 | QPSK | 100 | 0 | 20.38 | 20.68 | 20.70 | | |
| 20 | 16QAM | 1 | 0 | 20.12 | 20.31 | 20.50 | | |
| 20 | 16QAM | 1 | 49 | 20.10 | 20.37 | 20.33 | 21 | 0 |
| 20 | 16QAM | 1 | 99 | 20.15 | 20.43 | 20.24 | | |
| 20 | 16QAM | 50 | 0 | 19.83 | 20.08 | 20.21 | | |
| 20 | 16QAM | 50 | 24 | 19.90 | 20.21 | 20.06 | 21 | 0 |
| 20 | 16QAM | 50 | 50 | 19.89 | 20.23 | 20.07 | | |
| 20 | 16QAM | 100 | 0 | 19.86 | 20.19 | 20.11 | | |
| 20 | 64QAM | 1 | 0 | 19.94 | 20.14 | 20.15 | | |
| 20 | 64QAM | 1 | 49 | 19.96 | 20.26 | 20.30 | 21 | 0 |
| 20 | 64QAM | 1 | 99 | 19.94 | 20.35 | 20.31 | | |
| 20 | 64QAM | 50 | 0 | 19.83 | 20.09 | 20.05 | | |
| 20 | 64QAM | 50 | 24 | 19.92 | 20.23 | 20.18 | 21 | 0 |
| 20 | 64QAM | 50 | 50 | 19.92 | 20.23 | 20.19 | | |
| 20 | 64QAM | 100 | 0 | 19.93 | 20.19 | 20.15 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 20.23 | 20.46 | 20.62 | | |
| 15 | QPSK | 1 | 37 | 20.20 | 20.51 | 20.47 | 21 | 0 |
| 15 | QPSK | 1 | 74 | 20.29 | 20.63 | 20.38 | | |
| 15 | QPSK | 36 | 0 | 20.30 | 20.58 | 20.57 | | |
| 15 | QPSK | 36 | 20 | 20.37 | 20.69 | 20.50 | 21 | 0 |
| 15 | QPSK | 36 | 39 | 20.32 | 20.69 | 20.52 | | |
| 15 | QPSK | 75 | 0 | 20.35 | 20.68 | 20.53 | | |
| 15 | 16QAM | 1 | 0 | 20.04 | 20.33 | 20.51 | | |
| 15 | 16QAM | 1 | 37 | 20.08 | 20.40 | 20.31 | 21 | 0 |
| 15 | 16QAM | 1 | 74 | 20.12 | 20.41 | 20.25 | | |
| 15 | 16QAM | 36 | 0 | 19.79 | 20.08 | 20.08 | | |
| 15 | 16QAM | 36 | 20 | 19.88 | 20.20 | 20.01 | 21 | 0 |
| 15 | 16QAM | 36 | 39 | 19.83 | 20.19 | 20.02 | | |
| 15 | 16QAM | 75 | 0 | 19.86 | 20.18 | 20.03 | | |
| 15 | 64QAM | 1 | 0 | 19.95 | 20.24 | 20.30 | | |
| 15 | 64QAM | 1 | 37 | 19.97 | 20.46 | 20.15 | 21 | 0 |
| 15 | 64QAM | 1 | 74 | 19.97 | 20.46 | 20.11 | | |
| 15 | 64QAM | 36 | 0 | 19.84 | 20.15 | 20.14 | | |
| 15 | 64QAM | 36 | 20 | 19.89 | 20.23 | 20.06 | 21 | 0 |
| 15 | 64QAM | 36 | 39 | 19.86 | 20.23 | 20.06 | | |
| 15 | 64QAM | 75 | 0 | 19.88 | 20.20 | 20.04 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 20.02 | 20.27 | 20.19 | | |
| 10 | QPSK | 1 | 25 | 19.95 | 20.29 | 20.19 | 21 | 0 |
| 10 | QPSK | 1 | 49 | 20.00 | 20.38 | 20.21 | | |
| 10 | QPSK | 25 | 0 | 20.09 | 20.33 | 20.25 | | |
| 10 | QPSK | 25 | 12 | 20.11 | 20.47 | 20.31 | 21 | 0 |
| 10 | QPSK | 25 | 25 | 20.12 | 20.50 | 20.38 | | |
| 10 | QPSK | 50 | 0 | 20.14 | 20.46 | 20.33 | | |
| 10 | 16QAM | 1 | 0 | 19.86 | 20.12 | 20.07 | | |
| 10 | 16QAM | 1 | 25 | 19.82 | 20.18 | 20.14 | 21 | 0 |
| 10 | 16QAM | 1 | 49 | 19.85 | 20.26 | 20.09 | | |
| 10 | 16QAM | 25 | 0 | 19.59 | 19.85 | 19.85 | | |
| 10 | 16QAM | 25 | 12 | 19.63 | 19.98 | 19.82 | 21 | 0 |
| 10 | 16QAM | 25 | 25 | 19.61 | 20.00 | 19.81 | | |
| 10 | 16QAM | 50 | 0 | 19.64 | 19.97 | 19.79 | | |
| 10 | 64QAM | 1 | 0 | 19.78 | 19.95 | 19.99 | | |
| 10 | 64QAM | 1 | 25 | 19.77 | 20.15 | 20.01 | 21 | 0 |
| 10 | 64QAM | 1 | 49 | 19.78 | 20.18 | 20.02 | | |
| 10 | 64QAM | 25 | 0 | 19.64 | 19.90 | 19.81 | | |
| 10 | 64QAM | 25 | 12 | 19.64 | 20.03 | 19.85 | 21 | 0 |
| 10 | 64QAM | 25 | 25 | 19.66 | 20.04 | 19.91 | | |
| 10 | 64QAM | 50 | 0 | 19.70 | 20.03 | 19.81 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 19.97 | 20.24 | 20.21 | | |
| 5 | QPSK | 1 | 12 | 20.03 | 20.38 | 20.30 | 21 | 0 |
| 5 | QPSK | 1 | 24 | 19.98 | 20.41 | 20.24 | | |
| 5 | QPSK | 12 | 0 | 20.03 | 20.37 | 20.29 | | |
| 5 | QPSK | 12 | 7 | 20.11 | 20.51 | 20.36 | 21 | 0 |
| 5 | QPSK | 12 | 13 | 20.11 | 20.53 | 20.36 | | |
| 5 | QPSK | 25 | 0 | 20.05 | 20.44 | 20.36 | | |
| 5 | 16QAM | 1 | 0 | 19.80 | 20.08 | 20.05 | | |
| 5 | 16QAM | 1 | 12 | 19.80 | 20.14 | 20.00 | 21 | 0 |
| 5 | 16QAM | 1 | 24 | 19.84 | 20.23 | 20.08 | | |
| 5 | 16QAM | 12 | 0 | 19.57 | 19.92 | 19.84 | | |
| 5 | 16QAM | 12 | 7 | 19.65 | 20.00 | 19.86 | 21 | 0 |
| 5 | 16QAM | 12 | 13 | 19.67 | 20.04 | 19.86 | | |
| 5 | 16QAM | 25 | 0 | 19.61 | 19.95 | 19.88 | | |
| 5 | 64QAM | 1 | 0 | 19.76 | 20.03 | 20.03 | | |
| 5 | 64QAM | 1 | 12 | 19.79 | 20.14 | 19.92 | 21 | 0 |
| 5 | 64QAM | 1 | 24 | 19.75 | 20.19 | 19.97 | | |
| 5 | 64QAM | 12 | 0 | 19.65 | 19.97 | 19.88 | | |
| 5 | 64QAM | 12 | 7 | 19.69 | 20.05 | 19.93 | 21 | 0 |
| 5 | 64QAM | 12 | 13 | 19.66 | 20.11 | 19.94 | | |
| 5 | 64QAM | 25 | 0 | 19.61 | 19.99 | 19.89 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 19.89 | 20.20 | 20.16 | | |
| 3 | QPSK | 1 | 8 | 20.04 | 20.45 | 20.30 | 21 | 0 |
| 3 | QPSK | 1 | 14 | 20.02 | 20.43 | 20.29 | | |
| 3 | QPSK | 8 | 0 | 20.05 | 20.37 | 20.24 | | |
| 3 | QPSK | 8 | 4 | 20.11 | 20.45 | 20.30 | 21 | 0 |
| 3 | QPSK | 8 | 7 | 20.11 | 20.52 | 20.34 | | |
| 3 | QPSK | 15 | 0 | 20.09 | 20.43 | 20.33 | | |
| 3 | 16QAM | 1 | 0 | 19.75 | 20.03 | 20.01 | | |
| 3 | 16QAM | 1 | 8 | 19.88 | 20.27 | 20.06 | 21 | 0 |
| 3 | 16QAM | 1 | 14 | 19.86 | 20.27 | 20.09 | | |
| 3 | 16QAM | 8 | 0 | 19.59 | 19.93 | 19.81 | | |
| 3 | 16QAM | 8 | 4 | 19.67 | 20.00 | 19.90 | 21 | 0 |
| 3 | 16QAM | 8 | 7 | 19.66 | 20.03 | 19.90 | | |
| 3 | 16QAM | 15 | 0 | 19.62 | 19.94 | 19.82 | | |
| 3 | 64QAM | 1 | 0 | 19.68 | 19.98 | 19.90 | | |
| 3 | 64QAM | 1 | 8 | 19.81 | 20.18 | 20.03 | 21 | 0 |
| 3 | 64QAM | 1 | 14 | 19.80 | 20.20 | 19.99 | | |
| 3 | 64QAM | 8 | 0 | 19.63 | 19.96 | 19.81 | | |
| 3 | 64QAM | 8 | 4 | 19.68 | 20.06 | 19.89 | 21 | 0 |
| 3 | 64QAM | 8 | 7 | 19.69 | 20.06 | 19.91 | | |
| 3 | 64QAM | 15 | 0 | 19.60 | 19.98 | 19.91 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.86 | 20.18 | 20.09 | | |
| 1.4 | QPSK | 1 | 3 | 19.97 | 20.31 | 20.19 | | |
| 1.4 | QPSK | 1 | 5 | 19.95 | 20.27 | 20.11 | 21 | 0 |
| 1.4 | QPSK | 3 | 0 | 19.91 | 20.23 | 20.07 | | |
| 1.4 | QPSK | 3 | 1 | 19.97 | 20.31 | 20.12 | | |
| 1.4 | QPSK | 3 | 3 | 19.95 | 20.31 | 20.13 | | |
| 1.4 | QPSK | 6 | 0 | 20.00 | 20.34 | 20.20 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.68 | 20.03 | 19.90 | | |
| 1.4 | 16QAM | 1 | 3 | 19.76 | 20.17 | 19.99 | | |
| 1.4 | 16QAM | 1 | 5 | 19.77 | 20.11 | 19.95 | 21 | 0 |
| 1.4 | 16QAM | 3 | 0 | 19.47 | 19.82 | 19.69 | | |
| 1.4 | 16QAM | 3 | 1 | 19.55 | 19.92 | 19.73 | | |
| 1.4 | 16QAM | 3 | 3 | 19.52 | 19.88 | 19.72 | | |
| 1.4 | 16QAM | 6 | 0 | 19.58 | 19.93 | 19.77 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.60 | 19.95 | 19.82 | | |
| 1.4 | 64QAM | 1 | 3 | 19.73 | 20.08 | 19.95 | | |
| 1.4 | 64QAM | 1 | 5 | 19.66 | 20.05 | 19.89 | 21 | 0 |
| 1.4 | 64QAM | 3 | 0 | 19.60 | 19.96 | 19.84 | | |
| 1.4 | 64QAM | 3 | 1 | 19.69 | 20.04 | 19.90 | | |
| 1.4 | 64QAM | 3 | 3 | 19.66 | 20.03 | 19.87 | | |
| 1.4 | 64QAM | 6 | 0 | 19.52 | 19.88 | 19.75 | 21 | 0 |

| Band 66 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 20.36 | 20.57 | 20.68 | 21 | 0 |
| 20 | QPSK | 1 | 49 | 20.35 | 20.56 | 20.55 | | |
| 20 | QPSK | 1 | 99 | 20.42 | 20.51 | 20.45 | | |
| 20 | QPSK | 50 | 0 | 20.44 | 20.68 | 20.70 | 21 | 0 |
| 20 | QPSK | 50 | 24 | 20.50 | 20.64 | 20.74 | | |
| 20 | QPSK | 50 | 50 | 20.46 | 20.67 | 20.66 | | |
| 20 | QPSK | 100 | 0 | 20.43 | 20.62 | 20.66 | | |
| 20 | 16QAM | 1 | 0 | 20.17 | 20.39 | 20.54 | 21 | 0 |
| 20 | 16QAM | 1 | 49 | 20.18 | 20.43 | 20.47 | | |
| 20 | 16QAM | 1 | 99 | 20.30 | 20.40 | 20.37 | | |
| 20 | 16QAM | 50 | 0 | 19.86 | 20.15 | 20.20 | 21 | 0 |
| 20 | 16QAM | 50 | 24 | 19.98 | 20.15 | 20.27 | | |
| 20 | 16QAM | 50 | 50 | 19.98 | 20.18 | 20.18 | | |
| 20 | 16QAM | 100 | 0 | 19.97 | 20.12 | 20.17 | | |
| 20 | 64QAM | 1 | 0 | 20.08 | 20.33 | 20.43 | 21 | 0 |
| 20 | 64QAM | 1 | 49 | 20.14 | 20.28 | 20.37 | | |
| 20 | 64QAM | 1 | 99 | 20.24 | 20.23 | 20.29 | | |
| 20 | 64QAM | 50 | 0 | 20.13 | 20.15 | 20.26 | 21 | 0 |
| 20 | 64QAM | 50 | 24 | 20.11 | 20.15 | 20.29 | | |
| 20 | 64QAM | 50 | 50 | 20.20 | 20.19 | 20.21 | | |
| 20 | 64QAM | 100 | 0 | 20.11 | 20.15 | 20.19 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 20.24 | 20.59 | 20.65 | 21 | 0 |
| 15 | QPSK | 1 | 37 | 20.26 | 20.57 | 20.60 | | |
| 15 | QPSK | 1 | 74 | 20.33 | 20.52 | 20.50 | | |
| 15 | QPSK | 36 | 0 | 20.34 | 20.61 | 20.66 | 21 | 0 |
| 15 | QPSK | 36 | 20 | 20.39 | 20.61 | 20.73 | | |
| 15 | QPSK | 36 | 39 | 20.41 | 20.67 | 20.67 | | |
| 15 | QPSK | 75 | 0 | 20.38 | 20.61 | 20.65 | | |
| 15 | 16QAM | 1 | 0 | 20.09 | 20.39 | 20.54 | 21 | 0 |
| 15 | 16QAM | 1 | 37 | 20.12 | 20.42 | 20.51 | | |
| 15 | 16QAM | 1 | 74 | 20.12 | 20.38 | 20.37 | | |
| 15 | 16QAM | 36 | 0 | 19.83 | 20.12 | 20.17 | 21 | 0 |
| 15 | 16QAM | 36 | 20 | 19.95 | 20.14 | 20.27 | | |
| 15 | 16QAM | 36 | 39 | 19.92 | 20.17 | 20.18 | | |
| 15 | 16QAM | 75 | 0 | 19.91 | 20.12 | 20.17 | | |
| 15 | 64QAM | 1 | 0 | 19.95 | 20.22 | 20.44 | 21 | 0 |
| 15 | 64QAM | 1 | 37 | 20.13 | 20.36 | 20.39 | | |
| 15 | 64QAM | 1 | 74 | 20.05 | 20.27 | 20.35 | | |
| 15 | 64QAM | 36 | 0 | 19.85 | 20.16 | 20.27 | 21 | 0 |
| 15 | 64QAM | 36 | 20 | 19.95 | 20.16 | 20.33 | | |
| 15 | 64QAM | 36 | 39 | 19.92 | 20.19 | 20.24 | | |
| 15 | 64QAM | 75 | 0 | 19.91 | 20.11 | 20.17 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 20.07 | 20.35 | 20.40 | 21 | 0 |
| 10 | QPSK | 1 | 25 | 19.97 | 20.32 | 20.33 | | |
| 10 | QPSK | 1 | 49 | 19.99 | 20.30 | 20.30 | | |
| 10 | QPSK | 25 | 0 | 20.16 | 20.41 | 20.45 | 21 | 0 |
| 10 | QPSK | 25 | 12 | 20.17 | 20.41 | 20.44 | | |
| 10 | QPSK | 25 | 25 | 20.15 | 20.44 | 20.45 | | |
| 10 | QPSK | 50 | 0 | 20.17 | 20.40 | 20.40 | | |
| 10 | 16QAM | 1 | 0 | 19.95 | 20.22 | 20.29 | 21 | 0 |
| 10 | 16QAM | 1 | 25 | 19.91 | 20.18 | 20.22 | | |
| 10 | 16QAM | 1 | 49 | 19.91 | 20.18 | 20.15 | | |
| 10 | 16QAM | 25 | 0 | 19.70 | 19.90 | 19.96 | 21 | 0 |
| 10 | 16QAM | 25 | 12 | 19.71 | 19.93 | 19.95 | | |
| 10 | 16QAM | 25 | 25 | 19.66 | 19.94 | 19.94 | | |
| 10 | 16QAM | 50 | 0 | 19.69 | 19.89 | 19.92 | | |
| 10 | 64QAM | 1 | 0 | 19.82 | 20.06 | 20.17 | 21 | 0 |
| 10 | 64QAM | 1 | 25 | 19.78 | 20.16 | 20.16 | | |
| 10 | 64QAM | 1 | 49 | 19.77 | 20.09 | 20.03 | | |
| 10 | 64QAM | 25 | 0 | 19.67 | 19.96 | 19.99 | 21 | 0 |
| 10 | 64QAM | 25 | 12 | 19.70 | 19.98 | 19.99 | | |
| 10 | 64QAM | 25 | 25 | 19.69 | 20.00 | 20.02 | | |
| 10 | 64QAM | 50 | 0 | 19.71 | 19.99 | 19.98 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 20.05 | 20.30 | 20.38 | 21 | 0 |
| 5 | QPSK | 1 | 12 | 20.07 | 20.41 | 20.40 | | |
| 5 | QPSK | 1 | 24 | 19.98 | 20.36 | 20.28 | | |
| 5 | QPSK | 12 | 0 | 20.16 | 20.42 | 20.48 | 21 | 0 |
| 5 | QPSK | 12 | 7 | 20.17 | 20.51 | 20.49 | | |
| 5 | QPSK | 12 | 13 | 20.14 | 20.45 | 20.43 | | |
| 5 | QPSK | 25 | 0 | 20.12 | 20.39 | 20.44 | | |
| 5 | 16QAM | 1 | 0 | 19.86 | 20.15 | 20.19 | 21 | 0 |
| 5 | 16QAM | 1 | 12 | 19.88 | 20.15 | 20.17 | | |
| 5 | 16QAM | 1 | 24 | 19.83 | 20.20 | 20.10 | | |
| 5 | 16QAM | 12 | 0 | 19.69 | 19.94 | 20.01 | 21 | 0 |
| 5 | 16QAM | 12 | 7 | 19.71 | 20.02 | 20.02 | | |
| 5 | 16QAM | 12 | 13 | 19.65 | 19.95 | 19.94 | | |
| 5 | 16QAM | 25 | 0 | 19.67 | 19.94 | 19.97 | | |
| 5 | 64QAM | 1 | 0 | 19.77 | 20.09 | 20.15 | 21 | 0 |
| 5 | 64QAM | 1 | 12 | 19.81 | 20.17 | 20.11 | | |
| 5 | 64QAM | 1 | 24 | 19.81 | 20.09 | 20.04 | | |
| 5 | 64QAM | 12 | 0 | 19.70 | 20.01 | 20.06 | 21 | 0 |
| 5 | 64QAM | 12 | 7 | 19.73 | 20.09 | 20.07 | | |
| 5 | 64QAM | 12 | 13 | 19.67 | 20.04 | 20.03 | | |
| 5 | 64QAM | 25 | 0 | 19.64 | 19.95 | 19.99 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 20.07 | 20.32 | 20.35 | 21 | 0 |
| 3 | QPSK | 1 | 8 | 20.10 | 20.42 | 20.43 | | |
| 3 | QPSK | 1 | 14 | 20.01 | 20.35 | 20.33 | | |
| 3 | QPSK | 8 | 0 | 20.11 | 20.39 | 20.45 | 21 | 0 |
| 3 | QPSK | 8 | 4 | 20.16 | 20.49 | 20.49 | | |
| 3 | QPSK | 8 | 7 | 20.13 | 20.46 | 20.42 | | |
| 3 | QPSK | 15 | 0 | 20.14 | 20.40 | 20.46 | | |
| 3 | 16QAM | 1 | 0 | 19.91 | 20.16 | 20.22 | 21 | 0 |
| 3 | 16QAM | 1 | 8 | 20.01 | 20.25 | 20.23 | | |
| 3 | 16QAM | 1 | 14 | 19.84 | 20.15 | 20.16 | | |
| 3 | 16QAM | 8 | 0 | 19.70 | 19.96 | 20.00 | 21 | 0 |
| 3 | 16QAM | 8 | 4 | 19.72 | 20.04 | 20.02 | | |
| 3 | 16QAM | 8 | 7 | 19.69 | 20.01 | 19.97 | | |
| 3 | 16QAM | 15 | 0 | 19.68 | 19.93 | 19.97 | | |
| 3 | 64QAM | 1 | 0 | 19.81 | 20.08 | 20.14 | 21 | 0 |
| 3 | 64QAM | 1 | 8 | 19.85 | 20.19 | 20.17 | | |
| 3 | 64QAM | 1 | 14 | 19.81 | 20.12 | 20.05 | | |
| 3 | 64QAM | 8 | 0 | 19.68 | 19.99 | 20.04 | 21 | 0 |
| 3 | 64QAM | 8 | 4 | 19.70 | 20.08 | 20.07 | | |
| 3 | 64QAM | 8 | 7 | 19.69 | 20.04 | 20.03 | | |
| 3 | 64QAM | 15 | 0 | 19.63 | 19.95 | 19.99 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 19.95 | 20.22 | 20.31 | 21 | 0 |
| 1.4 | QPSK | 1 | 3 | 20.00 | 20.36 | 20.35 | | |
| 1.4 | QPSK | 1 | 5 | 19.95 | 20.28 | 20.25 | | |
| 1.4 | QPSK | 3 | 0 | 19.98 | 20.23 | 20.30 | | |
| 1.4 | QPSK | 3 | 1 | 20.02 | 20.34 | 20.34 | | |
| 1.4 | QPSK | 3 | 3 | 19.99 | 20.29 | 20.29 | | |
| 1.4 | QPSK | 6 | 0 | 20.06 | 20.33 | 20.38 | 21 | 0 |
| 1.4 | 16QAM | 1 | 0 | 19.77 | 20.05 | 20.10 | 21 | 0 |
| 1.4 | 16QAM | 1 | 3 | 19.81 | 20.19 | 20.16 | | |
| 1.4 | 16QAM | 1 | 5 | 19.79 | 20.09 | 20.07 | | |
| 1.4 | 16QAM | 3 | 0 | 19.59 | 19.84 | 19.88 | | |
| 1.4 | 16QAM | 3 | 1 | 19.63 | 19.94 | 19.93 | | |
| 1.4 | 16QAM | 3 | 3 | 19.59 | 19.89 | 19.87 | | |
| 1.4 | 16QAM | 6 | 0 | 19.65 | 19.90 | 19.95 | 21 | 0 |
| 1.4 | 64QAM | 1 | 0 | 19.69 | 20.01 | 20.03 | 21 | 0 |
| 1.4 | 64QAM | 1 | 3 | 19.78 | 20.12 | 20.08 | | |
| 1.4 | 64QAM | 1 | 5 | 19.71 | 20.05 | 20.02 | | |
| 1.4 | 64QAM | 3 | 0 | 19.68 | 19.98 | 20.00 | | |
| 1.4 | 64QAM | 3 | 1 | 19.71 | 20.06 | 20.06 | | |
| 1.4 | 64QAM | 3 | 3 | 19.68 | 20.04 | 20.02 | | |
| 1.4 | 64QAM | 6 | 0 | 19.54 | 19.85 | 19.89 | 21 | 0 |

## Band 2

| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
|---|---|---|---|---|---|---|---|---|
| Channel | | | | 18700 | 18900 | 19100 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1900 | | |
| 20 | QPSK | 1 | 0 | 22.77 | 22.79 | 22.81 | | |
| 20 | QPSK | 1 | 49 | 22.70 | 22.77 | 22.75 | 23.5 | 0 |
| 20 | QPSK | 1 | 99 | 22.61 | 22.76 | 22.79 | | |
| 20 | QPSK | 50 | 0 | 22.77 | 22.80 | 22.83 | | |
| 20 | QPSK | 50 | 24 | 22.92 | 22.82 | 22.88 | 23.5 | 0 |
| 20 | QPSK | 50 | 50 | 22.82 | 22.88 | 22.91 | | |
| 20 | QPSK | 100 | 0 | 22.82 | 22.80 | 22.86 | | |
| 20 | 16QAM | 1 | 0 | 22.62 | 22.62 | 22.67 | | |
| 20 | 16QAM | 1 | 49 | 22.53 | 22.56 | 22.62 | 23.5 | 0 |
| 20 | 16QAM | 1 | 99 | 22.51 | 22.53 | 22.65 | | |
| 20 | 16QAM | 50 | 0 | 21.79 | 21.81 | 21.86 | | |
| 20 | 16QAM | 50 | 24 | 21.88 | 21.85 | 21.86 | 23 | 0.5 |
| 20 | 16QAM | 50 | 50 | 21.83 | 21.90 | 21.94 | | |
| 20 | 16QAM | 100 | 0 | 21.84 | 21.80 | 21.87 | | |
| 20 | 64QAM | 1 | 0 | 21.93 | 21.94 | 21.96 | | |
| 20 | 64QAM | 1 | 49 | 21.92 | 22.06 | 21.98 | 23 | 0.5 |
| 20 | 64QAM | 1 | 99 | 21.85 | 22.01 | 21.98 | | |
| 20 | 64QAM | 50 | 0 | 20.82 | 20.87 | 20.87 | | |
| 20 | 64QAM | 50 | 24 | 20.89 | 20.91 | 20.93 | 22 | 1.5 |
| 20 | 64QAM | 50 | 50 | 20.87 | 20.93 | 20.98 | | |
| 20 | 64QAM | 100 | 0 | 20.90 | 20.90 | 20.86 | | |
| Channel | | | | 18675 | 18900 | 19125 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1902.5 | | |
| 15 | QPSK | 1 | 0 | 22.66 | 22.76 | 22.81 | | |
| 15 | QPSK | 1 | 37 | 22.60 | 22.70 | 22.77 | 23.5 | 0 |
| 15 | QPSK | 1 | 74 | 22.66 | 22.70 | 22.78 | | |
| 15 | QPSK | 36 | 0 | 22.73 | 22.79 | 22.84 | | |
| 15 | QPSK | 36 | 20 | 22.83 | 22.81 | 22.90 | 23.5 | 0 |
| 15 | QPSK | 36 | 39 | 22.80 | 22.88 | 22.91 | | |
| 15 | QPSK | 75 | 0 | 22.81 | 22.77 | 22.87 | | |
| 15 | 16QAM | 1 | 0 | 22.51 | 22.58 | 22.63 | | |
| 15 | 16QAM | 1 | 37 | 22.44 | 22.61 | 22.59 | 23.5 | 0 |
| 15 | 16QAM | 1 | 74 | 22.49 | 22.58 | 22.63 | | |
| 15 | 16QAM | 36 | 0 | 21.73 | 21.79 | 21.85 | | |
| 15 | 16QAM | 36 | 20 | 21.82 | 21.81 | 21.95 | 23 | 0.5 |
| 15 | 16QAM | 36 | 39 | 21.82 | 21.87 | 21.95 | | |
| 15 | 16QAM | 75 | 0 | 21.81 | 21.77 | 21.87 | | |
| 15 | 64QAM | 1 | 0 | 21.94 | 21.98 | 22.04 | | |
| 15 | 64QAM | 1 | 37 | 21.95 | 21.94 | 21.92 | 23 | 0.5 |
| 15 | 64QAM | 1 | 74 | 21.91 | 22.01 | 22.13 | | |
| 15 | 64QAM | 36 | 0 | 20.81 | 20.80 | 20.85 | | |
| 15 | 64QAM | 36 | 20 | 20.81 | 20.84 | 20.90 | 22 | 1.5 |
| 15 | 64QAM | 36 | 39 | 20.88 | 20.92 | 20.95 | | |
| 15 | 64QAM | 75 | 0 | 20.80 | 20.81 | 20.96 | | |
| Channel | | | | 18650 | 18900 | 19150 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1905 | | |
| 10 | QPSK | 1 | 0 | 22.44 | 22.48 | 22.55 | | |
| 10 | QPSK | 1 | 25 | 22.38 | 22.47 | 22.55 | 23.5 | 0 |
| 10 | QPSK | 1 | 49 | 22.41 | 22.49 | 22.57 | | |
| 10 | QPSK | 25 | 0 | 22.53 | 22.52 | 22.58 | | |
| 10 | QPSK | 25 | 12 | 22.57 | 22.56 | 22.61 | 23.5 | 0 |
| 10 | QPSK | 25 | 25 | 22.55 | 22.64 | 22.70 | | |
| 10 | QPSK | 50 | 0 | 22.58 | 22.56 | 22.63 | | |
| 10 | 16QAM | 1 | 0 | 22.32 | 22.31 | 22.42 | | |
| 10 | 16QAM | 1 | 25 | 22.26 | 22.35 | 22.40 | 23.5 | 0 |
| 10 | 16QAM | 1 | 49 | 22.30 | 22.39 | 22.45 | | |
| 10 | 16QAM | 25 | 0 | 21.57 | 21.54 | 21.60 | | |
| 10 | 16QAM | 25 | 12 | 21.58 | 21.59 | 21.65 | 23 | 0.5 |
| 10 | 16QAM | 25 | 25 | 21.57 | 21.63 | 21.72 | | |
| 10 | 16QAM | 50 | 0 | 21.59 | 21.55 | 21.65 | | |
| 10 | 64QAM | 1 | 0 | 21.73 | 21.66 | 21.79 | | |
| 10 | 64QAM | 1 | 25 | 21.72 | 21.78 | 21.86 | 23 | 0.5 |
| 10 | 64QAM | 1 | 49 | 21.69 | 21.74 | 21.83 | | |
| 10 | 64QAM | 25 | 0 | 20.61 | 20.57 | 20.62 | | |
| 10 | 64QAM | 25 | 12 | 20.62 | 20.59 | 20.68 | 22 | 1.5 |
| 10 | 64QAM | 25 | 25 | 20.61 | 20.69 | 20.76 | | |
| 10 | 64QAM | 50 | 0 | 20.65 | 20.61 | 20.68 | | |
| Channel | | | | 18625 | 18900 | 19175 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1907.5 | | |
| 5 | QPSK | 1 | 0 | 22.47 | 22.40 | 22.56 | | |
| 5 | QPSK | 1 | 12 | 22.54 | 22.55 | 22.64 | 23.5 | 0 |
| 5 | QPSK | 1 | 24 | 22.47 | 22.52 | 22.65 | | |
| 5 | QPSK | 12 | 0 | 22.55 | 22.54 | 22.67 | | |
| 5 | QPSK | 12 | 7 | 22.60 | 22.63 | 22.69 | 23.5 | 0 |
| 5 | QPSK | 12 | 13 | 22.59 | 22.62 | 22.70 | | |
| 5 | QPSK | 25 | 0 | 22.53 | 22.53 | 22.67 | | |
| 5 | 16QAM | 1 | 0 | 22.29 | 22.26 | 22.41 | | |
| 5 | 16QAM | 1 | 12 | 22.32 | 22.33 | 22.41 | 23.5 | 0 |
| 5 | 16QAM | 1 | 24 | 22.33 | 22.39 | 22.45 | | |
| 5 | 16QAM | 12 | 0 | 21.60 | 21.56 | 21.70 | | |
| 5 | 16QAM | 12 | 7 | 21.63 | 21.64 | 21.75 | 23 | 0.5 |
| 5 | 16QAM | 12 | 13 | 21.59 | 21.66 | 21.74 | | |
| 5 | 16QAM | 25 | 0 | 21.60 | 21.55 | 21.71 | | |
| 5 | 64QAM | 1 | 0 | 21.71 | 21.70 | 21.82 | | |
| 5 | 64QAM | 1 | 12 | 21.74 | 21.75 | 21.86 | 23 | 0.5 |
| 5 | 64QAM | 1 | 24 | 21.75 | 21.83 | 21.87 | | |
| 5 | 64QAM | 12 | 0 | 20.63 | 20.63 | 20.74 | | |
| 5 | 64QAM | 12 | 7 | 20.65 | 20.73 | 20.78 | 22 | 1.5 |
| 5 | 64QAM | 12 | 13 | 20.62 | 20.68 | 20.79 | | |
| 5 | 64QAM | 25 | 0 | 20.58 | 20.59 | 20.70 | | |
| Channel | | | | 18615 | 18900 | 19185 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1908.5 | | |
| 3 | QPSK | 1 | 0 | 22.46 | 22.47 | 22.55 | | |
| 3 | QPSK | 1 | 8 | 22.53 | 22.61 | 22.69 | 23.5 | 0 |
| 3 | QPSK | 1 | 14 | 22.48 | 22.57 | 22.63 | | |
| 3 | QPSK | 8 | 0 | 22.57 | 22.53 | 22.67 | | |
| 3 | QPSK | 8 | 4 | 22.60 | 22.65 | 22.71 | 23.5 | 0 |
| 3 | QPSK | 8 | 7 | 22.55 | 22.59 | 22.70 | | |
| 3 | QPSK | 15 | 0 | 22.57 | 22.55 | 22.69 | | |
| 3 | 16QAM | 1 | 0 | 22.28 | 22.31 | 22.40 | | |
| 3 | 16QAM | 1 | 8 | 22.42 | 22.42 | 22.49 | 23.5 | 0 |
| 3 | 16QAM | 1 | 14 | 22.30 | 22.39 | 22.44 | | |
| 3 | 16QAM | 8 | 0 | 21.63 | 21.63 | 21.73 | | |
| 3 | 16QAM | 8 | 4 | 21.66 | 21.70 | 21.80 | 23 | 0.5 |
| 3 | 16QAM | 8 | 7 | 21.62 | 21.70 | 21.74 | | |
| 3 | 16QAM | 15 | 0 | 21.62 | 21.59 | 21.74 | | |
| 3 | 64QAM | 1 | 0 | 21.71 | 21.68 | 21.82 | | |
| 3 | 64QAM | 1 | 8 | 21.81 | 21.85 | 21.92 | 23 | 0.5 |
| 3 | 64QAM | 1 | 14 | 21.77 | 21.79 | 21.84 | | |
| 3 | 64QAM | 8 | 0 | 20.64 | 20.61 | 20.77 | | |
| 3 | 64QAM | 8 | 4 | 20.67 | 20.72 | 20.77 | 22 | 1.5 |
| 3 | 64QAM | 8 | 7 | 20.65 | 20.67 | 20.79 | | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.59 | 20.75 | | |
| Channel | | | | 18607 | 18900 | 19193 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1909.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.39 | 22.48 | 22.50 | | |
| 1.4 | QPSK | 1 | 3 | 22.45 | 22.53 | 22.58 | | |
| 1.4 | QPSK | 1 | 5 | 22.38 | 22.44 | 22.52 | 23.5 | 0 |
| 1.4 | QPSK | 3 | 0 | 22.43 | 22.48 | 22.55 | | |
| 1.4 | QPSK | 3 | 1 | 22.49 | 22.52 | 22.60 | | |
| 1.4 | QPSK | 3 | 3 | 22.43 | 22.52 | 22.55 | | |
| 1.4 | QPSK | 6 | 0 | 22.51 | 22.53 | 22.60 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.24 | 22.32 | 22.34 | | |
| 1.4 | 16QAM | 1 | 3 | 22.32 | 22.32 | 22.39 | | |
| 1.4 | 16QAM | 1 | 5 | 22.25 | 22.29 | 22.36 | 23.5 | 0 |
| 1.4 | 16QAM | 3 | 0 | 22.04 | 22.07 | 22.14 | | |
| 1.4 | 16QAM | 3 | 1 | 22.07 | 22.10 | 22.18 | | |
| 1.4 | 16QAM | 3 | 3 | 22.02 | 22.08 | 22.17 | | |
| 1.4 | 16QAM | 6 | 0 | 21.59 | 21.66 | 21.72 | 23 | 0.5 |
| 1.4 | 64QAM | 1 | 0 | 21.69 | 21.74 | 21.75 | | |
| 1.4 | 64QAM | 1 | 3 | 21.69 | 21.74 | 21.83 | | |
| 1.4 | 64QAM | 1 | 5 | 21.69 | 21.68 | 21.76 | 23 | 0.5 |
| 1.4 | 64QAM | 3 | 0 | 21.64 | 21.71 | 21.76 | | |
| 1.4 | 64QAM | 3 | 1 | 21.70 | 21.76 | 21.82 | | |
| 1.4 | 64QAM | 3 | 3 | 21.65 | 21.71 | 21.77 | | |
| 1.4 | 64QAM | 6 | 0 | 20.51 | 20.58 | 20.63 | 22 | 1.5 |

| Band 4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20050 | 20175 | 20300 | | |
| Frequency (MHz) | | | | 1720 | 1732.5 | 1745 | | |
| 20 | QPSK | 1 | 0 | 22.58 | 22.59 | 22.58 | 23 | 0 |
| 20 | QPSK | 1 | 49 | 22.41 | 22.36 | 22.36 | | |
| 20 | QPSK | 1 | 99 | 22.41 | 22.35 | 22.34 | | |
| 20 | QPSK | 50 | 0 | 22.62 | 22.60 | 22.60 | 23 | 0 |
| 20 | QPSK | 50 | 24 | 22.66 | 22.53 | 22.62 | | |
| 20 | QPSK | 50 | 50 | 22.56 | 22.51 | 22.52 | | |
| 20 | QPSK | 100 | 0 | 22.58 | 22.52 | 22.50 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.46 | 22.44 | 23 | 0 |
| 20 | 16QAM | 1 | 49 | 22.22 | 22.31 | 22.24 | | |
| 20 | 16QAM | 1 | 99 | 22.21 | 22.28 | 22.23 | | |
| 20 | 16QAM | 50 | 0 | 22.13 | 22.12 | 22.10 | 23 | 0 |
| 20 | 16QAM | 50 | 24 | 22.14 | 22.05 | 22.10 | | |
| 20 | 16QAM | 50 | 50 | 22.07 | 22.02 | 22.01 | | |
| 20 | 16QAM | 100 | 0 | 22.10 | 22.01 | 22.02 | | |
| 20 | 64QAM | 1 | 0 | 20.50 | 22.23 | 22.15 | 23 | 0 |
| 20 | 64QAM | 1 | 49 | 22.09 | 22.07 | 22.12 | | |
| 20 | 64QAM | 1 | 99 | 22.21 | 22.00 | 22.09 | | |
| 20 | 64QAM | 50 | 0 | 20.51 | 21.15 | 21.13 | 22 | 1 |
| 20 | 64QAM | 50 | 24 | 21.15 | 21.06 | 21.14 | | |
| 20 | 64QAM | 50 | 50 | 21.07 | 21.06 | 21.04 | | |
| 20 | 64QAM | 100 | 0 | 21.06 | 21.04 | 21.04 | | |
| Channel | | | | 20025 | 20175 | 20325 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1732.5 | 1747.5 | | |
| 15 | QPSK | 1 | 0 | 22.56 | 22.55 | 22.58 | 23 | 0 |
| 15 | QPSK | 1 | 37 | 22.38 | 22.38 | 22.37 | | |
| 15 | QPSK | 1 | 74 | 22.38 | 22.37 | 22.35 | | |
| 15 | QPSK | 36 | 0 | 22.57 | 22.59 | 22.59 | 23 | 0 |
| 15 | QPSK | 36 | 20 | 22.57 | 22.50 | 22.55 | | |
| 15 | QPSK | 36 | 39 | 22.54 | 22.53 | 22.51 | | |
| 15 | QPSK | 75 | 0 | 22.57 | 22.50 | 22.50 | | |
| 15 | 16QAM | 1 | 0 | 22.15 | 22.39 | 22.38 | 23 | 0 |
| 15 | 16QAM | 1 | 37 | 22.20 | 22.28 | 22.25 | | |
| 15 | 16QAM | 1 | 74 | 22.23 | 22.26 | 22.21 | | |
| 15 | 16QAM | 36 | 0 | 21.96 | 22.10 | 22.06 | 23 | 0 |
| 15 | 16QAM | 36 | 20 | 22.09 | 22.01 | 22.09 | | |
| 15 | 16QAM | 36 | 39 | 22.08 | 22.03 | 22.00 | | |
| 15 | 16QAM | 75 | 0 | 22.12 | 22.01 | 22.00 | | |
| 15 | 64QAM | 1 | 0 | 20.59 | 22.25 | 22.16 | 23 | 0 |
| 15 | 64QAM | 1 | 37 | 21.90 | 22.07 | 22.11 | | |
| 15 | 64QAM | 1 | 74 | 22.15 | 22.04 | 22.11 | | |
| 15 | 64QAM | 36 | 0 | 20.17 | 21.13 | 21.11 | 22 | 1 |
| 15 | 64QAM | 36 | 20 | 21.06 | 21.04 | 21.13 | | |
| 15 | 64QAM | 36 | 39 | 21.06 | 21.05 | 21.06 | | |
| 15 | 64QAM | 75 | 0 | 20.77 | 21.02 | 21.01 | | |
| Channel | | | | 20000 | 20175 | 20350 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1732.5 | 1750 | | |
| 10 | QPSK | 1 | 0 | 22.25 | 22.23 | 22.24 | 23 | 0 |
| 10 | QPSK | 1 | 25 | 22.19 | 22.22 | 22.18 | | |
| 10 | QPSK | 1 | 49 | 22.24 | 22.23 | 22.19 | | |
| 10 | QPSK | 25 | 0 | 22.34 | 22.27 | 22.27 | 23 | 0 |
| 10 | QPSK | 25 | 12 | 22.35 | 22.30 | 22.29 | | |
| 10 | QPSK | 25 | 25 | 22.35 | 22.37 | 22.37 | | |
| 10 | QPSK | 50 | 0 | 22.37 | 22.30 | 22.30 | | |
| 10 | 16QAM | 1 | 0 | 22.07 | 22.11 | 22.09 | 23 | 0 |
| 10 | 16QAM | 1 | 25 | 22.06 | 22.07 | 22.08 | | |
| 10 | 16QAM | 1 | 49 | 22.07 | 22.08 | 22.05 | | |
| 10 | 16QAM | 25 | 0 | 21.72 | 21.78 | 21.78 | 23 | 0 |
| 10 | 16QAM | 25 | 12 | 21.89 | 21.80 | 21.80 | | |
| 10 | 16QAM | 25 | 25 | 21.87 | 21.84 | 21.84 | | |
| 10 | 16QAM | 50 | 0 | 21.89 | 21.80 | 21.78 | | |
| 10 | 64QAM | 1 | 0 | 20.50 | 21.97 | 21.94 | 23 | 0 |
| 10 | 64QAM | 1 | 25 | 21.52 | 22.05 | 22.05 | | |
| 10 | 64QAM | 1 | 49 | 21.99 | 22.06 | 21.94 | | |
| 10 | 64QAM | 25 | 0 | 19.83 | 20.81 | 20.80 | 22 | 1 |
| 10 | 64QAM | 25 | 12 | 20.43 | 20.84 | 20.83 | | |
| 10 | 64QAM | 25 | 25 | 20.90 | 20.89 | 20.89 | | |
| 10 | 64QAM | 50 | 0 | 20.28 | 20.85 | 20.82 | | |
| Channel | | | | 19975 | 20175 | 20375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1732.5 | 1752.5 | | |
| 5 | QPSK | 1 | 0 | 22.23 | 22.16 | 22.22 | 23 | 0 |
| 5 | QPSK | 1 | 12 | 22.27 | 22.28 | 22.26 | | |
| 5 | QPSK | 1 | 24 | 22.25 | 22.28 | 22.23 | | |
| 5 | QPSK | 12 | 0 | 22.32 | 22.28 | 22.29 | 23 | 0 |
| 5 | QPSK | 12 | 7 | 22.37 | 22.36 | 22.34 | | |
| 5 | QPSK | 12 | 13 | 22.33 | 22.38 | 22.33 | | |
| 5 | QPSK | 25 | 0 | 22.32 | 22.27 | 22.32 | | |
| 5 | 16QAM | 1 | 0 | 22.06 | 21.99 | 22.02 | 23 | 0 |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.04 | 22.04 | | |
| 5 | 16QAM | 1 | 24 | 22.09 | 22.12 | 22.05 | | |
| 5 | 16QAM | 12 | 0 | 21.46 | 21.80 | 21.82 | 23 | 0 |
| 5 | 16QAM | 12 | 7 | 21.76 | 21.88 | 21.84 | | |
| 5 | 16QAM | 12 | 13 | 21.90 | 21.87 | 21.81 | | |
| 5 | 16QAM | 25 | 0 | 21.57 | 21.79 | 21.81 | | |
| 5 | 64QAM | 1 | 0 | 20.51 | 21.95 | 22.00 | 23 | 0 |
| 5 | 64QAM | 1 | 12 | 20.83 | 21.98 | 21.96 | | |
| 5 | 64QAM | 1 | 24 | 21.23 | 21.96 | 21.99 | | |
| 5 | 64QAM | 12 | 0 | 19.53 | 20.84 | 20.88 | 22 | 1 |
| 5 | 64QAM | 12 | 7 | 19.86 | 20.94 | 20.91 | | |
| 5 | 64QAM | 12 | 13 | 20.15 | 20.92 | 20.89 | | |
| 5 | 64QAM | 25 | 0 | 19.69 | 20.82 | 20.85 | | |
| Channel | | | | 19965 | 20175 | 20385 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1732.5 | 1753.5 | | |
| 3 | QPSK | 1 | 0 | 22.24 | 22.19 | 22.20 | 23 | 0 |
| 3 | QPSK | 1 | 8 | 22.32 | 22.32 | 22.30 | | |
| 3 | QPSK | 1 | 14 | 22.27 | 22.29 | 22.24 | | |
| 3 | QPSK | 8 | 0 | 22.27 | 22.30 | 22.33 | 23 | 0 |
| 3 | QPSK | 8 | 4 | 22.38 | 22.38 | 22.33 | | |
| 3 | QPSK | 8 | 7 | 22.37 | 22.37 | 22.31 | | |
| 3 | QPSK | 15 | 0 | 22.31 | 22.35 | 22.32 | | |
| 3 | 16QAM | 1 | 0 | 22.07 | 22.01 | 22.01 | 23 | 0 |
| 3 | 16QAM | 1 | 8 | 22.15 | 22.17 | 22.09 | | |
| 3 | 16QAM | 1 | 14 | 22.10 | 22.10 | 22.09 | | |
| 3 | 16QAM | 8 | 0 | 21.42 | 21.86 | 21.87 | 23 | 0 |
| 3 | 16QAM | 8 | 4 | 21.60 | 21.95 | 21.91 | | |
| 3 | 16QAM | 8 | 7 | 21.69 | 21.93 | 21.87 | | |
| 3 | 16QAM | 15 | 0 | 21.46 | 21.91 | 21.83 | | |
| 3 | 64QAM | 1 | 0 | 20.54 | 21.96 | 21.98 | 23 | 0 |
| 3 | 64QAM | 1 | 8 | 20.78 | 22.07 | 22.05 | | |
| 3 | 64QAM | 1 | 14 | 20.93 | 22.01 | 21.98 | | |
| 3 | 64QAM | 8 | 0 | 19.52 | 20.87 | 20.90 | 22 | 1 |
| 3 | 64QAM | 8 | 4 | 19.68 | 20.96 | 20.90 | | |
| 3 | 64QAM | 8 | 7 | 19.77 | 20.93 | 20.88 | | |
| 3 | 64QAM | 15 | 0 | 19.58 | 20.91 | 20.85 | | |
| Channel | | | | 19957 | 20175 | 20393 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1732.5 | 1754.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.17 | 22.20 | 22.16 | 23 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.28 | 22.25 | 22.18 | | |
| 1.4 | QPSK | 1 | 5 | 22.18 | 22.18 | 22.12 | | |
| 1.4 | QPSK | 3 | 0 | 22.22 | 22.20 | 22.17 | | |
| 1.4 | QPSK | 3 | 1 | 22.26 | 22.26 | 22.23 | | |
| 1.4 | QPSK | 3 | 3 | 22.22 | 22.21 | 22.17 | | |
| 1.4 | QPSK | 6 | 0 | 22.19 | 22.27 | 22.23 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.01 | 21.99 | 21.99 | 23 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.10 | 22.07 | 22.05 | | |
| 1.4 | 16QAM | 1 | 5 | 22.01 | 22.03 | 21.97 | | |
| 1.4 | 16QAM | 3 | 0 | 21.77 | 21.80 | 21.78 | | |
| 1.4 | 16QAM | 3 | 1 | 21.83 | 21.84 | 21.82 | | |
| 1.4 | 16QAM | 3 | 3 | 21.81 | 21.78 | 21.79 | | |
| 1.4 | 16QAM | 6 | 0 | 21.32 | 21.85 | 21.83 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 20.51 | 21.95 | 21.50 | 23 | 0 |
| 1.4 | 64QAM | 1 | 3 | 20.54 | 22.02 | 21.58 | | |
| 1.4 | 64QAM | 1 | 5 | 20.54 | 21.94 | 21.51 | | |
| 1.4 | 64QAM | 3 | 0 | 20.53 | 21.94 | 21.53 | | |
| 1.4 | 64QAM | 3 | 1 | 20.59 | 21.99 | 21.65 | | |
| 1.4 | 64QAM | 3 | 3 | 20.58 | 21.93 | 21.49 | | |
| 1.4 | 64QAM | 6 | 0 | 19.50 | 20.80 | 20.45 | 22 | 1 |

| Band 7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 20850 | 21100 | 21350 | | |
| Frequency (MHz) | | | | 2510 | 2535 | 2560 | | |
| 20 | QPSK | 1 | 0 | 19.44 | 19.45 | 19.11 | 20 | 0 |
| 20 | QPSK | 1 | 49 | 19.48 | 19.50 | 19.12 | | |
| 20 | QPSK | 1 | 99 | 19.54 | 19.51 | 19.07 | | |
| 20 | QPSK | 50 | 0 | 19.51 | 19.59 | 19.18 | 20 | 0 |
| 20 | QPSK | 50 | 24 | 19.63 | 19.59 | 19.27 | | |
| 20 | QPSK | 50 | 50 | 19.64 | 19.65 | 19.28 | | |
| 20 | QPSK | 100 | 0 | 19.57 | 19.60 | 19.19 | | |
| 20 | 16QAM | 1 | 0 | 19.30 | 19.31 | 18.98 | 20 | 0 |
| 20 | 16QAM | 1 | 49 | 19.26 | 19.37 | 18.95 | | |
| 20 | 16QAM | 1 | 99 | 19.38 | 19.35 | 18.92 | | |
| 20 | 16QAM | 50 | 0 | 19.00 | 19.11 | 18.68 | 20 | 0 |
| 20 | 16QAM | 50 | 24 | 19.12 | 19.12 | 18.77 | | |
| 20 | 16QAM | 50 | 50 | 19.11 | 19.16 | 18.74 | | |
| 20 | 16QAM | 100 | 0 | 19.11 | 19.08 | 18.68 | | |
| 20 | 64QAM | 1 | 0 | 19.12 | 19.15 | 18.78 | 20 | 0 |
| 20 | 64QAM | 1 | 49 | 19.17 | 19.23 | 18.82 | | |
| 20 | 64QAM | 1 | 99 | 19.30 | 19.27 | 18.86 | | |
| 20 | 64QAM | 50 | 0 | 19.03 | 19.14 | 18.74 | 20 | 0 |
| 20 | 64QAM | 50 | 24 | 19.13 | 19.15 | 18.81 | | |
| 20 | 64QAM | 50 | 50 | 19.14 | 19.19 | 18.77 | | |
| 20 | 64QAM | 100 | 0 | 19.13 | 19.11 | 18.69 | | |
| Channel | | | | 20825 | 21100 | 21375 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2507.5 | 2535 | 2562.5 | | |
| 15 | QPSK | 1 | 0 | 19.44 | 19.44 | 19.10 | 20 | 0 |
| 15 | QPSK | 1 | 37 | 19.46 | 19.46 | 19.07 | | |
| 15 | QPSK | 1 | 74 | 19.54 | 19.52 | 19.08 | | |
| 15 | QPSK | 36 | 0 | 19.48 | 19.55 | 19.15 | 20 | 0 |
| 15 | QPSK | 36 | 20 | 19.57 | 19.56 | 19.16 | | |
| 15 | QPSK | 36 | 39 | 19.56 | 19.63 | 19.19 | | |
| 15 | QPSK | 75 | 0 | 19.58 | 19.56 | 19.15 | | |
| 15 | 16QAM | 1 | 0 | 19.25 | 19.29 | 18.92 | 20 | 0 |
| 15 | 16QAM | 1 | 37 | 19.29 | 19.32 | 18.90 | | |
| 15 | 16QAM | 1 | 74 | 19.36 | 19.35 | 18.90 | | |
| 15 | 16QAM | 36 | 0 | 18.97 | 19.07 | 18.68 | 20 | 0 |
| 15 | 16QAM | 36 | 20 | 19.07 | 19.06 | 18.66 | | |
| 15 | 16QAM | 36 | 39 | 19.09 | 19.13 | 18.72 | | |
| 15 | 16QAM | 75 | 0 | 19.06 | 19.05 | 18.65 | | |
| 15 | 64QAM | 1 | 0 | 19.10 | 19.20 | 18.79 | 20 | 0 |
| 15 | 64QAM | 1 | 37 | 19.19 | 19.31 | 18.87 | | |
| 15 | 64QAM | 1 | 74 | 19.32 | 19.25 | 18.81 | | |
| 15 | 64QAM | 36 | 0 | 19.01 | 19.11 | 18.71 | 20 | 0 |
| 15 | 64QAM | 36 | 20 | 19.10 | 19.11 | 18.70 | | |
| 15 | 64QAM | 36 | 39 | 19.11 | 19.17 | 18.74 | | |
| 15 | 64QAM | 75 | 0 | 19.08 | 19.08 | 18.65 | | |
| Channel | | | | 20800 | 21100 | 21400 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2505 | 2535 | 2565 | | |
| 10 | QPSK | 1 | 0 | 19.41 | 19.47 | 19.09 | 20 | 0 |
| 10 | QPSK | 1 | 25 | 19.42 | 19.47 | 19.08 | | |
| 10 | QPSK | 1 | 49 | 19.53 | 19.49 | 19.06 | | |
| 10 | QPSK | 25 | 0 | 19.48 | 19.56 | 19.16 | 20 | 0 |
| 10 | QPSK | 25 | 12 | 19.55 | 19.57 | 19.15 | | |
| 10 | QPSK | 25 | 25 | 19.58 | 19.63 | 19.17 | | |
| 10 | QPSK | 50 | 0 | 19.56 | 19.56 | 19.14 | | |
| 10 | 16QAM | 1 | 0 | 19.29 | 19.27 | 18.92 | 20 | 0 |
| 10 | 16QAM | 1 | 25 | 19.28 | 19.39 | 18.91 | | |
| 10 | 16QAM | 1 | 49 | 19.33 | 19.33 | 18.92 | | |
| 10 | 16QAM | 25 | 0 | 18.96 | 19.07 | 18.67 | 20 | 0 |
| 10 | 16QAM | 25 | 12 | 19.09 | 19.07 | 18.65 | | |
| 10 | 16QAM | 25 | 25 | 19.08 | 19.13 | 18.72 | | |
| 10 | 16QAM | 50 | 0 | 19.03 | 19.04 | 18.63 | | |
| 10 | 64QAM | 1 | 0 | 19.10 | 19.19 | 18.79 | 20 | 0 |
| 10 | 64QAM | 1 | 25 | 19.13 | 19.28 | 18.86 | | |
| 10 | 64QAM | 1 | 49 | 19.30 | 19.28 | 18.80 | | |
| 10 | 64QAM | 25 | 0 | 19.03 | 19.11 | 18.72 | 20 | 0 |
| 10 | 64QAM | 25 | 12 | 19.10 | 19.15 | 18.71 | | |
| 10 | 64QAM | 25 | 25 | 19.11 | 19.18 | 18.74 | | |
| 10 | 64QAM | 50 | 0 | 19.07 | 19.09 | 18.66 | | |
| Channel | | | | 20775 | 21100 | 21425 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2502.5 | 2535 | 2567.5 | | |
| 5 | QPSK | 1 | 0 | 19.14 | 19.18 | 18.69 | 20 | 0 |
| 5 | QPSK | 1 | 12 | 19.16 | 19.30 | 18.66 | | |
| 5 | QPSK | 1 | 24 | 19.17 | 19.28 | 18.66 | | |
| 5 | QPSK | 12 | 0 | 19.29 | 19.34 | 18.81 | 20 | 0 |
| 5 | QPSK | 12 | 7 | 19.30 | 19.35 | 18.79 | | |
| 5 | QPSK | 12 | 13 | 19.28 | 19.41 | 18.82 | | |
| 5 | QPSK | 25 | 0 | 19.28 | 19.29 | 18.82 | | |
| 5 | 16QAM | 1 | 0 | 18.98 | 18.99 | 18.55 | 20 | 0 |
| 5 | 16QAM | 1 | 12 | 19.00 | 18.99 | 18.49 | | |
| 5 | 16QAM | 1 | 24 | 18.99 | 19.05 | 18.55 | | |
| 5 | 16QAM | 12 | 0 | 18.82 | 18.87 | 18.33 | 20 | 0 |
| 5 | 16QAM | 12 | 7 | 18.81 | 18.87 | 18.34 | | |
| 5 | 16QAM | 12 | 13 | 18.81 | 18.90 | 18.34 | | |
| 5 | 16QAM | 25 | 0 | 18.79 | 18.83 | 18.34 | | |
| 5 | 64QAM | 1 | 0 | 18.93 | 18.94 | 18.49 | 20 | 0 |
| 5 | 64QAM | 1 | 12 | 18.91 | 18.99 | 18.44 | | |
| 5 | 64QAM | 1 | 24 | 18.91 | 19.02 | 18.42 | | |
| 5 | 64QAM | 12 | 0 | 18.87 | 18.91 | 18.38 | 20 | 0 |
| 5 | 64QAM | 12 | 7 | 18.87 | 18.95 | 18.41 | | |
| 5 | 64QAM | 12 | 13 | 18.84 | 18.98 | 18.39 | | |
| 5 | 64QAM | 25 | 0 | 18.83 | 18.86 | 18.35 | | |

| Band 25 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 26140 | 26340 | 26590 | | |
| Frequency (MHz) | | | | 1860 | 1880 | 1905 | | |
| 20 | QPSK | 1 | 0 | 22.91 | 22.89 | 22.79 | 23.5 | 0 |
| 20 | QPSK | 1 | 49 | 22.83 | 22.83 | 22.76 | | |
| 20 | QPSK | 1 | 99 | 22.73 | 22.80 | 22.77 | | |
| 20 | QPSK | 50 | 0 | 22.94 | 22.92 | 22.80 | 23.5 | 0 |
| 20 | QPSK | 50 | 24 | 23.01 | 23.00 | 22.90 | | |
| 20 | QPSK | 50 | 50 | 22.92 | 22.95 | 22.92 | | |
| 20 | QPSK | 100 | 0 | 22.98 | 22.98 | 22.83 | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 22.70 | 22.63 | 23.5 | 0 |
| 20 | 16QAM | 1 | 49 | 22.70 | 22.69 | 22.63 | | |
| 20 | 16QAM | 1 | 99 | 22.62 | 22.66 | 22.60 | | |
| 20 | 16QAM | 50 | 0 | 21.92 | 21.94 | 21.82 | 23 | 0.5 |
| 20 | 16QAM | 50 | 24 | 21.98 | 22.01 | 21.90 | | |
| 20 | 16QAM | 50 | 50 | 21.94 | 21.95 | 21.90 | | |
| 20 | 16QAM | 100 | 0 | 21.97 | 21.98 | 21.93 | | |
| 20 | 64QAM | 1 | 0 | 22.14 | 22.08 | 22.01 | 23 | 0.5 |
| 20 | 64QAM | 1 | 49 | 22.13 | 22.08 | 22.03 | | |
| 20 | 64QAM | 1 | 99 | 22.00 | 22.06 | 21.99 | | |
| 20 | 64QAM | 50 | 0 | 20.91 | 20.97 | 20.96 | 22 | 1.5 |
| 20 | 64QAM | 50 | 24 | 21.01 | 21.05 | 21.00 | | |
| 20 | 64QAM | 50 | 50 | 20.98 | 20.99 | 20.95 | | |
| 20 | 64QAM | 100 | 0 | 21.00 | 21.01 | 20.95 | | |
| Channel | | | | 26115 | 26340 | 26615 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1857.5 | 1880 | 1907.5 | | |
| 15 | QPSK | 1 | 0 | 22.88 | 22.86 | 22.64 | 23.5 | 0 |
| 15 | QPSK | 1 | 37 | 22.80 | 22.84 | 22.64 | | |
| 15 | QPSK | 1 | 74 | 22.80 | 22.82 | 22.68 | | |
| 15 | QPSK | 36 | 0 | 22.90 | 22.91 | 22.72 | 23.5 | 0 |
| 15 | QPSK | 36 | 20 | 22.93 | 22.98 | 22.71 | | |
| 15 | QPSK | 36 | 39 | 22.88 | 22.93 | 22.82 | | |
| 15 | QPSK | 75 | 0 | 22.92 | 22.97 | 22.71 | | |
| 15 | 16QAM | 1 | 0 | 22.71 | 22.69 | 22.53 | 23.5 | 0 |
| 15 | 16QAM | 1 | 37 | 22.66 | 22.59 | 22.54 | | |
| 15 | 16QAM | 1 | 74 | 22.64 | 22.70 | 22.55 | | |
| 15 | 16QAM | 36 | 0 | 21.91 | 21.95 | 21.74 | 23 | 0.5 |
| 15 | 16QAM | 36 | 20 | 21.96 | 21.98 | 21.72 | | |
| 15 | 16QAM | 36 | 39 | 21.88 | 21.91 | 21.76 | | |
| 15 | 16QAM | 75 | 0 | 21.96 | 21.97 | 21.73 | | |
| 15 | 64QAM | 1 | 0 | 22.10 | 22.08 | 21.86 | 23 | 0.5 |
| 15 | 64QAM | 1 | 37 | 21.99 | 22.14 | 21.87 | | |
| 15 | 64QAM | 1 | 74 | 22.00 | 22.11 | 21.62 | | |
| 15 | 64QAM | 36 | 0 | 20.95 | 21.00 | 20.76 | 22 | 1.5 |
| 15 | 64QAM | 36 | 20 | 20.99 | 21.02 | 20.78 | | |
| 15 | 64QAM | 36 | 39 | 20.92 | 20.99 | 20.81 | | |
| 15 | 64QAM | 75 | 0 | 20.95 | 21.00 | 20.76 | | |
| Channel | | | | 26090 | 26340 | 26640 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1855 | 1880 | 1910 | | |
| 10 | QPSK | 1 | 0 | 22.62 | 22.59 | 22.41 | 23.5 | 0 |
| 10 | QPSK | 1 | 25 | 22.56 | 22.56 | 22.45 | | |
| 10 | QPSK | 1 | 49 | 22.57 | 22.60 | 22.47 | | |
| 10 | QPSK | 25 | 0 | 22.68 | 22.63 | 22.47 | 23.5 | 0 |
| 10 | QPSK | 25 | 12 | 22.71 | 22.73 | 22.51 | | |
| 10 | QPSK | 25 | 25 | 22.71 | 22.72 | 22.64 | | |
| 10 | QPSK | 50 | 0 | 22.71 | 22.75 | 22.52 | | |
| 10 | 16QAM | 1 | 0 | 22.53 | 22.44 | 22.25 | 23.5 | 0 |
| 10 | 16QAM | 1 | 25 | 22.45 | 22.46 | 22.35 | | |
| 10 | 16QAM | 1 | 49 | 22.45 | 22.48 | 22.36 | | |
| 10 | 16QAM | 25 | 0 | 21.72 | 21.64 | 21.50 | 23 | 0.5 |
| 10 | 16QAM | 25 | 12 | 21.75 | 21.75 | 21.52 | | |
| 10 | 16QAM | 25 | 25 | 21.70 | 21.72 | 21.62 | | |
| 10 | 16QAM | 50 | 0 | 21.73 | 21.74 | 21.52 | | |
| 10 | 64QAM | 1 | 0 | 21.89 | 21.79 | 21.68 | 23 | 0.5 |
| 10 | 64QAM | 1 | 25 | 21.82 | 21.92 | 21.78 | | |
| 10 | 64QAM | 1 | 49 | 21.86 | 21.91 | 21.54 | | |
| 10 | 64QAM | 25 | 0 | 20.74 | 20.70 | 20.47 | 22 | 1.5 |
| 10 | 64QAM | 25 | 12 | 20.78 | 20.78 | 20.54 | | |
| 10 | 64QAM | 25 | 25 | 20.75 | 20.75 | 20.66 | | |
| 10 | 64QAM | 50 | 0 | 20.79 | 20.76 | 20.54 | | |
| Channel | | | | 26065 | 26340 | 26665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1852.5 | 1880 | 1912.5 | | |
| 5 | QPSK | 1 | 0 | 22.61 | 22.56 | 22.35 | 23.5 | 0 |
| 5 | QPSK | 1 | 12 | 22.67 | 22.64 | 22.38 | | |
| 5 | QPSK | 1 | 24 | 22.61 | 22.65 | 22.42 | | |
| 5 | QPSK | 12 | 0 | 22.67 | 22.66 | 22.43 | 23.5 | 0 |
| 5 | QPSK | 12 | 7 | 22.73 | 22.76 | 22.51 | | |
| 5 | QPSK | 12 | 13 | 22.75 | 22.78 | 22.49 | | |
| 5 | QPSK | 25 | 0 | 22.67 | 22.71 | 22.52 | | |
| 5 | 16QAM | 1 | 0 | 22.46 | 22.39 | 22.21 | 23.5 | 0 |
| 5 | 16QAM | 1 | 12 | 22.45 | 22.46 | 22.20 | | |
| 5 | 16QAM | 1 | 24 | 22.44 | 22.45 | 22.23 | | |
| 5 | 16QAM | 12 | 0 | 21.69 | 21.73 | 21.45 | 23 | 0.5 |
| 5 | 16QAM | 12 | 7 | 21.77 | 21.80 | 21.52 | | |
| 5 | 16QAM | 12 | 13 | 21.78 | 21.80 | 21.51 | | |
| 5 | 16QAM | 25 | 0 | 21.74 | 21.71 | 21.45 | | |
| 5 | 64QAM | 1 | 0 | 21.90 | 21.83 | 21.66 | 23 | 0.5 |
| 5 | 64QAM | 1 | 12 | 21.88 | 21.91 | 21.62 | | |
| 5 | 64QAM | 1 | 24 | 21.88 | 21.88 | 21.32 | | |
| 5 | 64QAM | 12 | 0 | 20.75 | 20.74 | 20.49 | 22 | 1.5 |
| 5 | 64QAM | 12 | 7 | 20.81 | 20.80 | 20.55 | | |
| 5 | 64QAM | 12 | 13 | 20.81 | 20.81 | 20.54 | | |
| 5 | 64QAM | 25 | 0 | 20.71 | 20.76 | 20.52 | | |
| Channel | | | | 26055 | 26340 | 26675 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1851.5 | 1880 | 1913.5 | | |
| 3 | QPSK | 1 | 0 | 22.59 | 22.51 | 22.31 | 23.5 | 0 |
| 3 | QPSK | 1 | 8 | 22.69 | 22.74 | 22.49 | | |
| 3 | QPSK | 1 | 14 | 22.66 | 22.72 | 22.44 | | |
| 3 | QPSK | 8 | 0 | 22.71 | 22.69 | 22.40 | 23.5 | 0 |
| 3 | QPSK | 8 | 4 | 22.74 | 22.80 | 22.51 | | |
| 3 | QPSK | 8 | 7 | 22.74 | 22.79 | 22.53 | | |
| 3 | QPSK | 15 | 0 | 22.70 | 22.73 | 22.52 | | |
| 3 | 16QAM | 1 | 0 | 22.42 | 22.35 | 22.15 | 23.5 | 0 |
| 3 | 16QAM | 1 | 8 | 22.53 | 22.59 | 22.30 | | |
| 3 | 16QAM | 1 | 14 | 22.51 | 22.56 | 22.29 | | |
| 3 | 16QAM | 8 | 0 | 21.73 | 21.73 | 21.49 | 23 | 0.5 |
| 3 | 16QAM | 8 | 4 | 21.83 | 21.81 | 21.58 | | |
| 3 | 16QAM | 8 | 7 | 21.81 | 21.81 | 21.59 | | |
| 3 | 16QAM | 15 | 0 | 21.77 | 21.77 | 21.48 | | |
| 3 | 64QAM | 1 | 0 | 21.87 | 21.79 | 21.59 | 23 | 0.5 |
| 3 | 64QAM | 1 | 8 | 21.98 | 21.98 | 21.72 | | |
| 3 | 64QAM | 1 | 14 | 21.97 | 21.97 | 21.23 | | |
| 3 | 64QAM | 8 | 0 | 20.78 | 20.77 | 20.46 | 22 | 1.5 |
| 3 | 64QAM | 8 | 4 | 20.82 | 20.85 | 20.54 | | |
| 3 | 64QAM | 8 | 7 | 20.84 | 20.83 | 20.58 | | |
| 3 | 64QAM | 15 | 0 | 20.75 | 20.77 | 20.57 | | |
| Channel | | | | 26047 | 26340 | 26683 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1850.7 | 1880 | 1914.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.50 | 22.52 | 22.25 | 23.5 | 0 |
| 1.4 | QPSK | 1 | 3 | 22.60 | 22.65 | 22.39 | | |
| 1.4 | QPSK | 1 | 5 | 22.61 | 22.61 | 22.34 | | |
| 1.4 | QPSK | 3 | 0 | 22.53 | 22.54 | 22.26 | | |
| 1.4 | QPSK | 3 | 1 | 22.61 | 22.63 | 22.33 | | |
| 1.4 | QPSK | 3 | 3 | 22.61 | 22.63 | 22.31 | | |
| 1.4 | QPSK | 6 | 0 | 22.63 | 22.66 | 22.39 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.35 | 22.38 | 22.11 | 23.5 | 0 |
| 1.4 | 16QAM | 1 | 3 | 22.43 | 22.45 | 22.21 | | |
| 1.4 | 16QAM | 1 | 5 | 22.42 | 22.45 | 22.14 | | |
| 1.4 | 16QAM | 3 | 0 | 22.16 | 22.14 | 21.87 | | |
| 1.4 | 16QAM | 3 | 1 | 22.22 | 22.21 | 21.93 | | |
| 1.4 | 16QAM | 3 | 3 | 22.22 | 22.18 | 21.92 | | |
| 1.4 | 16QAM | 6 | 0 | 21.72 | 21.72 | 21.47 | 23 | 0.5 |
| 1.4 | 64QAM | 1 | 0 | 21.80 | 21.82 | 21.52 | 23 | 0.5 |
| 1.4 | 64QAM | 1 | 3 | 21.87 | 21.89 | 21.39 | | |
| 1.4 | 64QAM | 1 | 5 | 21.84 | 21.82 | 21.09 | | |
| 1.4 | 64QAM | 3 | 0 | 21.77 | 21.80 | 21.50 | | |
| 1.4 | 64QAM | 3 | 1 | 21.82 | 21.85 | 21.53 | | |
| 1.4 | 64QAM | 3 | 3 | 21.82 | 21.83 | 21.20 | | |
| 1.4 | 64QAM | 6 | 0 | 20.69 | 20.70 | 20.43 | 22.5 | 1 |

| Band 66 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| BW [MHz] | Modulation | RB Size | RB Offset | Power Low Ch. / Freq. | Power Middle Ch. / Freq. | Power High Ch. / Freq. | Tune-up limit (dBm) | MPR (dB) |
| Channel | | | | 132072 | 132322 | 132572 | | |
| Frequency (MHz) | | | | 1720 | 1745 | 1770 | | |
| 20 | QPSK | 1 | 0 | 22.56 | 22.62 | 22.50 | | |
| 20 | QPSK | 1 | 49 | 22.49 | 22.51 | 22.38 | 23 | 0 |
| 20 | QPSK | 1 | 99 | 22.42 | 22.45 | 22.21 | | |
| 20 | QPSK | 50 | 0 | 22.56 | 22.58 | 22.46 | | |
| 20 | QPSK | 50 | 24 | 22.63 | 22.56 | 22.50 | 23 | 0 |
| 20 | QPSK | 50 | 50 | 22.57 | 22.57 | 22.42 | | |
| 20 | QPSK | 100 | 0 | 22.57 | 22.55 | 22.50 | | |
| 20 | 16QAM | 1 | 0 | 22.40 | 22.48 | 22.34 | | |
| 20 | 16QAM | 1 | 49 | 22.34 | 22.36 | 22.14 | 23 | 0 |
| 20 | 16QAM | 1 | 99 | 22.27 | 22.30 | 22.04 | | |
| 20 | 16QAM | 50 | 0 | 22.05 | 22.11 | 21.98 | | |
| 20 | 16QAM | 50 | 24 | 22.06 | 22.09 | 22.01 | 23 | 0 |
| 20 | 16QAM | 50 | 50 | 22.03 | 22.08 | 21.92 | | |
| 20 | 16QAM | 100 | 0 | 22.01 | 22.03 | 21.99 | | |
| 20 | 64QAM | 1 | 0 | 22.08 | 22.11 | 22.18 | | |
| 20 | 64QAM | 1 | 49 | 22.09 | 22.05 | 22.10 | 23 | 0 |
| 20 | 64QAM | 1 | 99 | 22.01 | 22.03 | 21.96 | | |
| 20 | 64QAM | 50 | 0 | 21.01 | 21.03 | 21.00 | | |
| 20 | 64QAM | 50 | 24 | 21.05 | 21.08 | 21.03 | 22 | 1 |
| 20 | 64QAM | 50 | 50 | 20.99 | 21.00 | 20.93 | | |
| 20 | 64QAM | 100 | 0 | 20.98 | 21.03 | 21.01 | | |
| Channel | | | | 132047 | 132322 | 132597 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1717.5 | 1745 | 1772.5 | | |
| 15 | QPSK | 1 | 0 | 22.47 | 22.52 | 22.43 | | |
| 15 | QPSK | 1 | 37 | 22.46 | 22.49 | 22.32 | 23 | 0 |
| 15 | QPSK | 1 | 74 | 22.40 | 22.44 | 22.23 | | |
| 15 | QPSK | 36 | 0 | 22.53 | 22.57 | 22.43 | | |
| 15 | QPSK | 36 | 20 | 22.57 | 22.57 | 22.39 | 23 | 0 |
| 15 | QPSK | 36 | 39 | 22.53 | 22.58 | 22.37 | | |
| 15 | QPSK | 75 | 0 | 22.56 | 22.55 | 22.36 | | |
| 15 | 16QAM | 1 | 0 | 22.32 | 22.36 | 22.29 | | |
| 15 | 16QAM | 1 | 37 | 22.29 | 22.38 | 22.14 | 23 | 0 |
| 15 | 16QAM | 1 | 74 | 22.20 | 22.32 | 22.06 | | |
| 15 | 16QAM | 36 | 0 | 22.03 | 22.07 | 21.91 | | |
| 15 | 16QAM | 36 | 20 | 22.11 | 22.06 | 21.90 | 23 | 0 |
| 15 | 16QAM | 36 | 39 | 22.07 | 22.08 | 21.89 | | |
| 15 | 16QAM | 75 | 0 | 22.07 | 22.03 | 21.88 | | |
| 15 | 64QAM | 1 | 0 | 21.63 | 22.27 | 22.15 | | |
| 15 | 64QAM | 1 | 37 | 22.21 | 22.22 | 22.15 | 23 | 0 |
| 15 | 64QAM | 1 | 74 | 22.21 | 22.19 | 22.04 | | |
| 15 | 64QAM | 36 | 0 | 21.05 | 21.12 | 20.97 | | |
| 15 | 64QAM | 36 | 20 | 21.12 | 21.12 | 20.95 | 22 | 1 |
| 15 | 64QAM | 36 | 39 | 21.09 | 21.12 | 20.92 | | |
| 15 | 64QAM | 75 | 0 | 21.08 | 21.04 | 20.89 | | |
| Channel | | | | 132022 | 132322 | 132622 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1715 | 1745 | 1775 | | |
| 10 | QPSK | 1 | 0 | 22.25 | 22.31 | 22.13 | | |
| 10 | QPSK | 1 | 25 | 22.17 | 22.24 | 22.05 | 23 | 0 |
| 10 | QPSK | 1 | 49 | 22.13 | 22.21 | 22.01 | | |
| 10 | QPSK | 25 | 0 | 22.32 | 22.31 | 22.14 | | |
| 10 | QPSK | 25 | 12 | 22.32 | 22.32 | 22.11 | 23 | 0 |
| 10 | QPSK | 25 | 25 | 22.28 | 22.34 | 22.13 | | |
| 10 | QPSK | 50 | 0 | 22.32 | 22.30 | 22.13 | | |
| 10 | 16QAM | 1 | 0 | 22.12 | 22.13 | 21.96 | | |
| 10 | 16QAM | 1 | 25 | 22.03 | 22.11 | 21.93 | 23 | 0 |
| 10 | 16QAM | 1 | 49 | 22.03 | 22.06 | 21.84 | | |
| 10 | 16QAM | 25 | 0 | 21.85 | 21.83 | 21.63 | | |
| 10 | 16QAM | 25 | 12 | 21.86 | 21.83 | 21.63 | 23 | 0 |
| 10 | 16QAM | 25 | 25 | 21.80 | 21.83 | 21.61 | | |
| 10 | 16QAM | 50 | 0 | 21.83 | 21.83 | 21.60 | | |
| 10 | 64QAM | 1 | 0 | 21.50 | 22.00 | 21.85 | | |
| 10 | 64QAM | 1 | 25 | 21.99 | 22.07 | 21.86 | 23 | 0 |
| 10 | 64QAM | 1 | 49 | 21.96 | 21.98 | 21.78 | | |
| 10 | 64QAM | 25 | 0 | 20.82 | 20.88 | 20.67 | | |
| 10 | 64QAM | 25 | 12 | 20.86 | 20.86 | 20.67 | 22 | 1 |
| 10 | 64QAM | 25 | 25 | 20.83 | 20.87 | 20.67 | | |
| 10 | 64QAM | 50 | 0 | 20.86 | 20.82 | 20.66 | | |
| Channel | | | | 131997 | 132322 | 132647 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1712.5 | 1745 | 1777.5 | | |
| 5 | QPSK | 1 | 0 | 22.24 | 22.24 | 22.09 | | |
| 5 | QPSK | 1 | 12 | 22.26 | 22.34 | 22.10 | 23 | 0 |
| 5 | QPSK | 1 | 24 | 22.17 | 22.25 | 22.00 | | |
| 5 | QPSK | 12 | 0 | 22.35 | 22.34 | 22.20 | | |
| 5 | QPSK | 12 | 7 | 22.34 | 22.35 | 22.22 | 23 | 0 |
| 5 | QPSK | 12 | 13 | 22.32 | 22.35 | 22.14 | | |
| 5 | QPSK | 25 | 0 | 22.30 | 22.31 | 22.14 | | |
| 5 | 16QAM | 1 | 0 | 22.06 | 22.05 | 21.89 | | |
| 5 | 16QAM | 1 | 12 | 22.06 | 22.09 | 21.86 | 23 | 0 |
| 5 | 16QAM | 1 | 24 | 22.03 | 22.05 | 21.84 | | |
| 5 | 16QAM | 12 | 0 | 21.85 | 21.85 | 21.68 | | |
| 5 | 16QAM | 12 | 7 | 21.87 | 21.86 | 21.72 | 23 | 0 |
| 5 | 16QAM | 12 | 13 | 21.84 | 21.86 | 21.67 | | |
| 5 | 16QAM | 25 | 0 | 21.87 | 21.83 | 21.69 | | |
| 5 | 64QAM | 1 | 0 | 21.53 | 22.02 | 21.85 | | |
| 5 | 64QAM | 1 | 12 | 21.83 | 22.00 | 21.84 | 23 | 0 |
| 5 | 64QAM | 1 | 24 | 21.97 | 21.98 | 21.75 | | |
| 5 | 64QAM | 12 | 0 | 20.58 | 20.91 | 20.77 | | |
| 5 | 64QAM | 12 | 7 | 20.91 | 20.93 | 20.77 | 22 | 1 |
| 5 | 64QAM | 12 | 13 | 20.87 | 20.92 | 20.70 | | |
| 5 | 64QAM | 25 | 0 | 20.75 | 20.84 | 20.70 | | |
| Channel | | | | 131987 | 132322 | 132657 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1711.5 | 1745 | 1778.5 | | |
| 3 | QPSK | 1 | 0 | 22.33 | 22.27 | 22.10 | | |
| 3 | QPSK | 1 | 8 | 22.34 | 22.37 | 22.14 | 23 | 0 |
| 3 | QPSK | 1 | 14 | 22.22 | 22.30 | 22.06 | | |
| 3 | QPSK | 8 | 0 | 22.34 | 22.34 | 22.20 | | |
| 3 | QPSK | 8 | 4 | 22.39 | 22.36 | 22.18 | 23 | 0 |
| 3 | QPSK | 8 | 7 | 22.35 | 22.38 | 22.17 | | |
| 3 | QPSK | 15 | 0 | 22.36 | 22.34 | 22.18 | | |
| 3 | 16QAM | 1 | 0 | 22.11 | 22.06 | 21.92 | | |
| 3 | 16QAM | 1 | 8 | 22.16 | 22.19 | 21.96 | 23 | 0 |
| 3 | 16QAM | 1 | 14 | 22.04 | 22.10 | 21.87 | | |
| 3 | 16QAM | 8 | 0 | 21.93 | 21.89 | 21.72 | | |
| 3 | 16QAM | 8 | 4 | 21.95 | 21.91 | 21.76 | 23 | 0 |
| 3 | 16QAM | 8 | 7 | 21.91 | 21.95 | 21.71 | | |
| 3 | 16QAM | 15 | 0 | 21.90 | 21.85 | 21.72 | | |
| 3 | 64QAM | 1 | 0 | 21.56 | 22.02 | 21.83 | | |
| 3 | 64QAM | 1 | 8 | 21.78 | 22.10 | 21.87 | 23 | 0 |
| 3 | 64QAM | 1 | 14 | 21.86 | 22.05 | 21.80 | | |
| 3 | 64QAM | 8 | 0 | 20.54 | 20.91 | 20.76 | | |
| 3 | 64QAM | 8 | 4 | 20.69 | 20.94 | 20.77 | 22 | 1 |
| 3 | 64QAM | 8 | 7 | 20.76 | 20.97 | 20.73 | | |
| 3 | 64QAM | 15 | 0 | 20.61 | 20.87 | 20.70 | | |
| Channel | | | | 131979 | 132322 | 132665 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 1710.7 | 1745 | 1779.3 | | |
| 1.4 | QPSK | 1 | 0 | 22.21 | 22.22 | 22.00 | | |
| 1.4 | QPSK | 1 | 3 | 22.23 | 22.28 | 22.03 | | |
| 1.4 | QPSK | 1 | 5 | 22.18 | 22.22 | 21.96 | 23 | 0 |
| 1.4 | QPSK | 3 | 0 | 22.21 | 22.24 | 22.01 | | |
| 1.4 | QPSK | 3 | 1 | 22.26 | 22.27 | 22.07 | | |
| 1.4 | QPSK | 3 | 3 | 22.20 | 22.23 | 22.01 | | |
| 1.4 | QPSK | 6 | 0 | 22.25 | 22.32 | 22.07 | 23 | 0 |
| 1.4 | 16QAM | 1 | 0 | 22.02 | 22.02 | 21.81 | | |
| 1.4 | 16QAM | 1 | 3 | 22.03 | 22.10 | 21.86 | | |
| 1.4 | 16QAM | 1 | 5 | 22.01 | 22.01 | 21.81 | 23 | 0 |
| 1.4 | 16QAM | 3 | 0 | 21.78 | 21.82 | 21.61 | | |
| 1.4 | 16QAM | 3 | 1 | 21.83 | 21.86 | 21.64 | | |
| 1.4 | 16QAM | 3 | 3 | 21.77 | 21.81 | 21.58 | | |
| 1.4 | 16QAM | 6 | 0 | 21.82 | 21.90 | 21.65 | 23 | 0 |
| 1.4 | 64QAM | 1 | 0 | 21.42 | 21.97 | 21.74 | | |
| 1.4 | 64QAM | 1 | 3 | 21.54 | 22.01 | 21.79 | | |
| 1.4 | 64QAM | 1 | 5 | 21.51 | 21.91 | 21.75 | 23 | 0 |
| 1.4 | 64QAM | 3 | 0 | 21.42 | 21.94 | 21.72 | | |
| 1.4 | 64QAM | 3 | 1 | 21.50 | 22.00 | 21.77 | | |
| 1.4 | 64QAM | 3 | 3 | 21.49 | 21.95 | 21.70 | | |
| 1.4 | 64QAM | 6 | 0 | 20.35 | 20.82 | 20.59 | 22 | 1 |

## <TDD LTE SAR Measurement>

SAR was tested with a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by 3GPP

a. 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations

b. “special subframe S” contains both uplink and downlink transmissions, it has been taken into consideration to determine the transmission duty factor according to the worst case uplink and downlink cyclic prefix requirements for UpPTS

c. Establishing connections with base station simulators ensure a consistent means for testing SAR and recommended for evaluating SAR. The Anritsu MT8820C (firmware: #22.52#004) was used for LTE output power measurements and SAR testing.

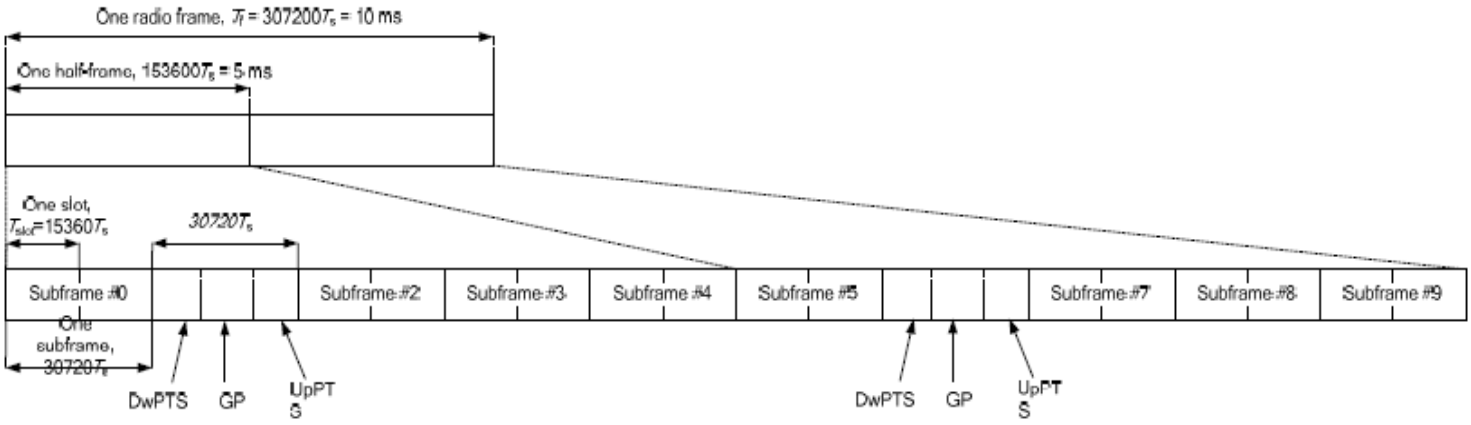



**Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).**

**Table 4.2-2: Uplink-downlink configurations.**

| Uplink-downlink configuration | Downlink-to-Uplink Switch-point periodicity | Subframe number | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 0 | 5 ms | D | S | U | U | U | D | S | U | U | U |
| 1 | 5 ms | D | S | U | U | D | D | S | U | U | D |
| 2 | 5 ms | D | S | U | D | D | D | S | U | D | D |
| 3 | 10 ms | D | S | U | U | U | D | D | D | D | D |
| 4 | 10 ms | D | S | U | U | D | D | D | D | D | D |
| 5 | 10 ms | D | S | U | D | D | D | D | D | D | D |
| 6 | 5 ms | D | S | U | U | U | D | S | U | U | D |

**Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).**

| Special subframe configuration | Normal cyclic prefix in downlink | | | Extended cyclic prefix in downlink | | |
|---|---|---|---|---|---|---|
| | DwPTS | UpPTS | | DwPTS | UpPTS | |
| | | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink | | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| 0 | $6592 \cdot T_s$ | $2192 \cdot T_s$ | $2560 \cdot T_s$ | $7680 \cdot T_s$ | $2192 \cdot T_s$ | $2560 \cdot T_s$ |
| 1 | $19760 \cdot T_s$ | | | $20480 \cdot T_s$ | | |
| 2 | $21952 \cdot T_s$ | | | $23040 \cdot T_s$ | | |
| 3 | $24144 \cdot T_s$ | | | $25600 \cdot T_s$ | | |
| 4 | $26336 \cdot T_s$ | | | $7680 \cdot T_s$ | $4384 \cdot T_s$ | $5120 \cdot T_s$ |
| 5 | $6592 \cdot T_s$ | $4384 \cdot T_s$ | $5120 \cdot T_s$ | $20480 \cdot T_s$ | | |
| 6 | $19760 \cdot T_s$ | | | $23040 \cdot T_s$ | | |
| 7 | $21952 \cdot T_s$ | | | $12800 \cdot T_s$ | | |
| 8 | $24144 \cdot T_s$ | | | - | - | - |
| 9 | $13168 \cdot T_s$ | | | - | - | - |

| Special subframe (30720·$T_s$): Normal cyclic prefix in downlink (UpPTS) | | | |
|---|---|---|---|
| | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe | 0~4 | 7.13% | 8.33% |
| | 5~9 | 14.3% | 16.7% |

| Special subframe(30720·$T_s$): Extended cyclic prefix in downlink (UpPTS) | | | |
|---|---|---|---|
| | Special subframe configuration | Normal cyclic prefix in uplink | Extended cyclic prefix in uplink |
| Uplink duty factor in one special subframe | 0~3 | 7.13% | 8.33% |
| | 4~7 | 14.3% | 16.7% |

The highest duty factor is resulted from:

i. Uplink-downlink configuration: 0. In a half-frame consisted of 5 subfames, uplink operation is in 3 uplink subframes and 1 special subf

ii. special subframe configuration: 5-9 for normal cyclic prefix in downlink, 4-7 for extended cyclic prefix in downlink

iii. for special subframe with extended cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.167)/5 = 63.3%

iv. for special subframe with normal cyclic prefix in uplink, the total uplink duty factor in one half-frame is: (3+0.143)/5 = 62.9%

v. For TDD LTE SAR measurement, the duty cycle 1:1.59 (62.9 %) was used perform testing and considering the theoretical duty cycle of 63.3% for extended cyclic prefix in the uplink, and the theoretical duty cycle of 62.9% for normal cyclic prefix in uplink, a scaling factor of extended cyclic prefix 63.3%/62.9% = 1.006 is applied to scale-up the measured SAR result. The scaled TDD LTE SAR = measured SAR (W/kg)* Tune-up Scaling Factor* scaling factor for extended cyclic prefix.

| Band 41 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 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 | 24.12 | 24.43 | 24.50 | 24.35 | 24.65 | 25 | 0 |
| 20 | QPSK | 1 | 49 | 24.14 | 24.51 | 24.43 | 24.22 | 24.61 | | |
| 20 | QPSK | 1 | 99 | 24.07 | 24.51 | 24.43 | 24.37 | 24.74 | | |
| 20 | QPSK | 50 | 0 | 23.26 | 23.59 | 23.51 | 23.41 | 23.68 | 24 | 1 |
| 20 | QPSK | 50 | 24 | 23.32 | 23.60 | 23.49 | 23.39 | 23.71 | | |
| 20 | QPSK | 50 | 50 | 23.26 | 23.66 | 23.52 | 23.38 | 23.80 | | |
| 20 | QPSK | 100 | 0 | 23.33 | 23.60 | 23.46 | 23.39 | 23.69 | | |
| 20 | 16QAM | 1 | 0 | 22.78 | 23.02 | 23.15 | 22.96 | 23.21 | 24 | 1 |
| 20 | 16QAM | 1 | 49 | 22.75 | 23.07 | 23.02 | 22.80 | 23.17 | | |
| 20 | 16QAM | 1 | 99 | 22.82 | 23.08 | 23.06 | 22.96 | 23.31 | | |
| 20 | 16QAM | 50 | 0 | 21.78 | 22.12 | 22.05 | 21.90 | 22.20 | 23 | 2 |
| 20 | 16QAM | 50 | 24 | 21.86 | 22.15 | 22.02 | 21.90 | 22.23 | | |
| 20 | 16QAM | 50 | 50 | 21.85 | 22.18 | 22.06 | 21.92 | 22.32 | | |
| 20 | 16QAM | 100 | 0 | 21.86 | 22.11 | 22.01 | 21.90 | 22.21 | | |
| 20 | 64QAM | 1 | 0 | 21.49 | 21.76 | 21.75 | 21.69 | 21.93 | 23 | 2 |
| 20 | 64QAM | 1 | 49 | 21.35 | 21.78 | 21.77 | 21.53 | 21.92 | | |
| 20 | 64QAM | 1 | 99 | 21.33 | 21.79 | 21.79 | 21.63 | 22.03 | | |
| 20 | 64QAM | 50 | 0 | 20.78 | 21.13 | 21.06 | 20.92 | 21.20 | 22 | 3 |
| 20 | 64QAM | 50 | 24 | 20.74 | 21.15 | 21.05 | 20.92 | 21.22 | | |
| 20 | 64QAM | 50 | 50 | 20.71 | 21.19 | 21.05 | 20.93 | 21.30 | | |
| 20 | 64QAM | 100 | 0 | 20.72 | 21.14 | 21.03 | 20.92 | 21.21 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 24.09 | 24.51 | 24.44 | 24.24 | 24.62 | 25 | 0 |
| 15 | QPSK | 1 | 37 | 24.11 | 24.47 | 24.37 | 24.23 | 24.59 | | |
| 15 | QPSK | 1 | 74 | 24.12 | 24.60 | 24.45 | 24.40 | 24.73 | | |
| 15 | QPSK | 36 | 0 | 23.19 | 23.57 | 23.48 | 23.29 | 23.72 | 24 | 1 |
| 15 | QPSK | 36 | 20 | 23.28 | 23.65 | 23.46 | 23.39 | 23.79 | | |
| 15 | QPSK | 36 | 39 | 23.27 | 23.62 | 23.50 | 23.39 | 23.78 | | |
| 15 | QPSK | 75 | 0 | 23.31 | 23.64 | 23.47 | 23.40 | 23.72 | | |
| 15 | 16QAM | 1 | 0 | 22.77 | 23.11 | 23.09 | 22.86 | 23.22 | 24 | 1 |
| 15 | 16QAM | 1 | 37 | 22.70 | 23.01 | 23.00 | 22.77 | 23.17 | | |
| 15 | 16QAM | 1 | 74 | 22.77 | 23.22 | 23.11 | 23.02 | 23.38 | | |
| 15 | 16QAM | 36 | 0 | 21.65 | 22.03 | 21.97 | 21.78 | 22.17 | 23 | 2 |
| 15 | 16QAM | 36 | 20 | 21.75 | 22.11 | 21.91 | 21.84 | 22.22 | | |
| 15 | 16QAM | 36 | 39 | 21.75 | 22.11 | 21.98 | 21.86 | 22.23 | | |
| 15 | 16QAM | 75 | 0 | 21.84 | 22.16 | 21.99 | 21.89 | 22.20 | | |
| 15 | 64QAM | 1 | 0 | 21.44 | 21.80 | 21.73 | 21.54 | 21.87 | 23 | 2 |
| 15 | 64QAM | 1 | 37 | 21.49 | 21.82 | 21.75 | 21.54 | 21.94 | | |
| 15 | 64QAM | 1 | 74 | 21.42 | 21.90 | 21.82 | 21.70 | 22.09 | | |
| 15 | 64QAM | 36 | 0 | 20.73 | 21.09 | 21.03 | 20.85 | 21.22 | 22 | 3 |
| 15 | 64QAM | 36 | 20 | 20.84 | 21.16 | 20.99 | 20.89 | 21.28 | | |
| 15 | 64QAM | 36 | 39 | 20.79 | 21.17 | 21.06 | 20.90 | 21.31 | | |
| 15 | 64QAM | 75 | 0 | 20.83 | 21.18 | 20.99 | 20.91 | 21.23 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 23.89 | 24.17 | 24.12 | 24.03 | 24.33 | 25 | 0 |
| 10 | QPSK | 1 | 25 | 23.81 | 24.23 | 24.15 | 24.00 | 24.42 | | |
| 10 | QPSK | 1 | 49 | 23.94 | 24.29 | 24.20 | 24.07 | 24.46 | | |
| 10 | QPSK | 25 | 0 | 23.07 | 23.36 | 23.28 | 23.11 | 23.54 | 24 | 1 |
| 10 | QPSK | 25 | 12 | 23.12 | 23.46 | 23.28 | 23.24 | 23.57 | | |
| 10 | QPSK | 25 | 25 | 23.07 | 23.45 | 23.33 | 23.22 | 23.63 | | |
| 10 | QPSK | 50 | 0 | 23.09 | 23.45 | 23.26 | 23.22 | 23.53 | | |
| 10 | 16QAM | 1 | 0 | 22.78 | 23.14 | 23.04 | 22.84 | 23.25 | 24 | 1 |
| 10 | 16QAM | 1 | 25 | 22.75 | 23.16 | 23.03 | 22.85 | 23.29 | | |
| 10 | 16QAM | 1 | 49 | 22.75 | 23.11 | 23.02 | 22.88 | 23.29 | | |
| 10 | 16QAM | 25 | 0 | 21.61 | 21.89 | 21.81 | 21.63 | 22.02 | 23 | 2 |
| 10 | 16QAM | 25 | 12 | 21.63 | 22.01 | 21.80 | 21.74 | 22.07 | | |
| 10 | 16QAM | 25 | 25 | 21.61 | 21.94 | 21.87 | 21.71 | 22.10 | | |
| 10 | 16QAM | 50 | 0 | 21.62 | 21.99 | 21.82 | 21.75 | 22.06 | | |
| 10 | 64QAM | 1 | 0 | 21.68 | 21.93 | 21.85 | 21.73 | 22.09 | 23 | 2 |
| 10 | 64QAM | 1 | 25 | 21.73 | 22.01 | 21.94 | 21.85 | 22.18 | | |
| 10 | 64QAM | 1 | 49 | 21.63 | 22.04 | 21.93 | 21.80 | 22.16 | | |
| 10 | 64QAM | 25 | 0 | 20.69 | 20.97 | 20.89 | 20.70 | 21.11 | 22 | 3 |
| 10 | 64QAM | 25 | 12 | 20.71 | 21.07 | 20.90 | 20.81 | 21.12 | | |
| 10 | 64QAM | 25 | 25 | 20.68 | 21.05 | 20.93 | 20.79 | 21.20 | | |
| 10 | 64QAM | 50 | 0 | 20.63 | 20.97 | 20.81 | 20.75 | 21.07 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 23.97 | 24.26 | 24.16 | 24.04 | 24.50 | 25 | 0 |
| 5 | QPSK | 1 | 12 | 23.92 | 24.29 | 24.22 | 24.09 | 24.50 | | |
| 5 | QPSK | 1 | 24 | 23.93 | 24.29 | 24.16 | 24.09 | 24.45 | | |
| 5 | QPSK | 12 | 0 | 23.11 | 23.37 | 23.31 | 23.15 | 23.62 | 24 | 1 |
| 5 | QPSK | 12 | 7 | 23.12 | 23.45 | 23.33 | 23.25 | 23.65 | | |
| 5 | QPSK | 12 | 13 | 23.09 | 23.45 | 23.35 | 23.24 | 23.63 | | |
| 5 | QPSK | 25 | 0 | 23.08 | 23.43 | 23.26 | 23.21 | 23.62 | | |
| 5 | 16QAM | 1 | 0 | 22.63 | 22.88 | 22.84 | 22.62 | 23.11 | 24 | 1 |
| 5 | 16QAM | 1 | 12 | 22.62 | 23.05 | 22.94 | 22.77 | 23.20 | | |
| 5 | 16QAM | 1 | 24 | 22.65 | 23.02 | 22.91 | 22.79 | 23.16 | | |
| 5 | 16QAM | 12 | 0 | 21.58 | 21.86 | 21.79 | 21.63 | 22.09 | 23 | 2 |
| 5 | 16QAM | 12 | 7 | 21.64 | 21.96 | 21.81 | 21.74 | 22.11 | | |
| 5 | 16QAM | 12 | 13 | 21.55 | 21.93 | 21.83 | 21.69 | 22.07 | | |
| 5 | 16QAM | 25 | 0 | 21.61 | 21.97 | 21.86 | 21.74 | 22.13 | | |
| 5 | 64QAM | 1 | 0 | 21.40 | 21.65 | 21.59 | 21.42 | 21.85 | 23 | 2 |
| 5 | 64QAM | 1 | 12 | 21.39 | 21.79 | 21.66 | 21.50 | 21.87 | | |
| 5 | 64QAM | 1 | 24 | 21.42 | 21.78 | 21.63 | 21.49 | 21.87 | | |
| 5 | 64QAM | 12 | 0 | 20.64 | 20.94 | 20.84 | 20.69 | 21.12 | 22 | 3 |
| 5 | 64QAM | 12 | 7 | 20.65 | 21.01 | 20.87 | 20.77 | 21.17 | | |
| 5 | 64QAM | 12 | 13 | 20.63 | 20.99 | 20.89 | 20.75 | 21.13 | | |
| 5 | 64QAM | 25 | 0 | 20.66 | 21.01 | 20.86 | 20.78 | 21.16 | | |

## Band 41

| 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 | 19.16 | 19.42 | 19.46 | 19.39 | 19.33 | 20.2 | 0 |
| 20 | QPSK | 1 | 49 | 19.18 | 19.49 | 19.41 | 19.29 | 19.29 | | |
| 20 | QPSK | 1 | 99 | 19.22 | 19.50 | 19.47 | 19.46 | 19.41 | | |
| 20 | QPSK | 50 | 0 | 19.23 | 19.52 | 19.51 | 19.45 | 19.36 | 20.2 | 0 |
| 20 | QPSK | 50 | 24 | 19.33 | 19.61 | 19.52 | 19.47 | 19.45 | | |
| 20 | QPSK | 50 | 50 | 19.31 | 19.59 | 19.47 | 19.46 | 19.43 | | |
| 20 | QPSK | 100 | 0 | 19.33 | 19.53 | 19.51 | 19.48 | 19.39 | | |
| 20 | 16QAM | 1 | 0 | 18.80 | 18.98 | 19.07 | 19.05 | 18.94 | 20.2 | 0 |
| 20 | 16QAM | 1 | 49 | 18.76 | 19.01 | 19.07 | 18.90 | 18.89 | | |
| 20 | 16QAM | 1 | 99 | 18.83 | 19.04 | 19.05 | 19.07 | 19.04 | | |
| 20 | 16QAM | 50 | 0 | 18.76 | 19.05 | 19.04 | 19.01 | 18.92 | 20.2 | 0 |
| 20 | 16QAM | 50 | 24 | 18.87 | 19.16 | 19.05 | 19.00 | 18.94 | | |
| 20 | 16QAM | 50 | 50 | 18.85 | 19.14 | 19.01 | 19.02 | 19.02 | | |
| 20 | 16QAM | 100 | 0 | 18.86 | 19.06 | 19.01 | 19.01 | 18.94 | | |
| 20 | 64QAM | 1 | 0 | 18.56 | 18.76 | 18.78 | 18.78 | 18.60 | 20.2 | 0 |
| 20 | 64QAM | 1 | 49 | 18.57 | 18.78 | 18.86 | 18.60 | 18.66 | | |
| 20 | 64QAM | 1 | 99 | 18.64 | 18.82 | 18.79 | 18.71 | 18.74 | | |
| 20 | 64QAM | 50 | 0 | 18.80 | 19.06 | 19.07 | 18.98 | 18.89 | 20.2 | 0 |
| 20 | 64QAM | 50 | 24 | 18.89 | 19.18 | 19.05 | 18.99 | 18.93 | | |
| 20 | 64QAM | 50 | 50 | 18.89 | 19.13 | 19.02 | 18.98 | 19.01 | | |
| 20 | 64QAM | 100 | 0 | 18.89 | 19.08 | 19.04 | 18.98 | 18.92 | | |
| Channel | | | | 39725 | 40173 | 40620 | 41068 | 41515 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2503.5 | 2548.3 | 2593 | 2637.8 | 2682.5 | | |
| 15 | QPSK | 1 | 0 | 19.09 | 19.40 | 19.38 | 19.28 | 19.28 | 20.2 | 0 |
| 15 | QPSK | 1 | 37 | 19.09 | 19.41 | 19.37 | 19.25 | 19.32 | | |
| 15 | QPSK | 1 | 74 | 19.13 | 19.52 | 19.42 | 19.46 | 19.45 | | |
| 15 | QPSK | 36 | 0 | 19.18 | 19.51 | 19.51 | 19.38 | 19.40 | 20.2 | 0 |
| 15 | QPSK | 36 | 20 | 19.29 | 19.58 | 19.48 | 19.45 | 19.41 | | |
| 15 | QPSK | 36 | 39 | 19.26 | 19.57 | 19.48 | 19.45 | 19.48 | | |
| 15 | QPSK | 75 | 0 | 19.27 | 19.51 | 19.48 | 19.45 | 19.40 | | |
| 15 | 16QAM | 1 | 0 | 18.80 | 19.08 | 19.08 | 18.98 | 18.94 | 20.2 | 0 |
| 15 | 16QAM | 1 | 37 | 18.63 | 18.97 | 18.99 | 18.85 | 18.84 | | |
| 15 | 16QAM | 1 | 74 | 18.78 | 19.18 | 19.14 | 19.11 | 19.10 | | |
| 15 | 16QAM | 36 | 0 | 18.67 | 18.97 | 18.98 | 18.88 | 18.89 | 20.2 | 0 |
| 15 | 16QAM | 36 | 20 | 18.76 | 19.05 | 18.95 | 18.93 | 18.87 | | |
| 15 | 16QAM | 36 | 39 | 18.74 | 19.05 | 18.95 | 18.92 | 18.97 | | |
| 15 | 16QAM | 75 | 0 | 18.83 | 19.05 | 19.01 | 19.01 | 18.95 | | |
| 15 | 64QAM | 1 | 0 | 18.51 | 18.76 | 18.75 | 18.63 | 18.60 | 20.2 | 0 |
| 15 | 64QAM | 1 | 37 | 18.55 | 18.79 | 18.80 | 18.62 | 18.67 | | |
| 15 | 64QAM | 1 | 74 | 18.59 | 18.87 | 18.82 | 18.77 | 18.80 | | |
| 15 | 64QAM | 36 | 0 | 18.74 | 19.07 | 19.05 | 18.90 | 18.93 | 20.2 | 0 |
| 15 | 64QAM | 36 | 20 | 18.83 | 19.10 | 19.05 | 18.95 | 18.94 | | |
| 15 | 64QAM | 36 | 39 | 18.82 | 19.13 | 19.01 | 18.97 | 19.02 | | |
| 15 | 64QAM | 75 | 0 | 18.84 | 19.06 | 19.06 | 18.99 | 18.92 | | |
| Channel | | | | 39700 | 40160 | 40620 | 41080 | 41540 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2501 | 2547 | 2593 | 2639 | 2685 | | |
| 10 | QPSK | 1 | 0 | 18.94 | 19.15 | 19.18 | 19.09 | 18.99 | 20.2 | 0 |
| 10 | QPSK | 1 | 25 | 18.86 | 19.19 | 19.17 | 19.11 | 19.06 | | |
| 10 | QPSK | 1 | 49 | 18.98 | 19.28 | 19.14 | 19.22 | 19.12 | | |
| 10 | QPSK | 25 | 0 | 19.09 | 19.31 | 19.31 | 19.22 | 19.16 | 20.2 | 0 |
| 10 | QPSK | 25 | 12 | 19.12 | 19.46 | 19.36 | 19.33 | 19.21 | | |
| 10 | QPSK | 25 | 25 | 19.10 | 19.40 | 19.30 | 19.31 | 19.26 | | |
| 10 | QPSK | 50 | 0 | 19.12 | 19.41 | 19.32 | 19.32 | 19.16 | | |
| 10 | 16QAM | 1 | 0 | 18.82 | 19.07 | 19.08 | 18.94 | 18.89 | 20.2 | 0 |
| 10 | 16QAM | 1 | 25 | 18.81 | 19.08 | 19.06 | 18.92 | 18.87 | | |
| 10 | 16QAM | 1 | 49 | 18.82 | 19.11 | 19.05 | 18.94 | 18.92 | | |
| 10 | 16QAM | 25 | 0 | 18.63 | 18.85 | 18.85 | 18.72 | 18.66 | 20.2 | 0 |
| 10 | 16QAM | 25 | 12 | 18.66 | 19.01 | 18.88 | 18.86 | 18.71 | | |
| 10 | 16QAM | 25 | 25 | 18.62 | 18.96 | 18.80 | 18.82 | 18.75 | | |
| 10 | 16QAM | 50 | 0 | 18.65 | 18.96 | 18.87 | 18.87 | 18.70 | | |
| 10 | 64QAM | 1 | 0 | 18.79 | 18.94 | 18.93 | 18.80 | 18.73 | 20.2 | 0 |
| 10 | 64QAM | 1 | 25 | 18.83 | 19.05 | 19.11 | 18.93 | 18.87 | | |
| 10 | 64QAM | 1 | 49 | 18.74 | 19.00 | 18.91 | 18.86 | 18.81 | | |
| 10 | 64QAM | 25 | 0 | 18.71 | 18.91 | 18.93 | 18.77 | 18.71 | 20.2 | 0 |
| 10 | 64QAM | 25 | 12 | 18.73 | 19.03 | 18.95 | 18.90 | 18.75 | | |
| 10 | 64QAM | 25 | 25 | 18.69 | 18.99 | 18.92 | 18.87 | 18.81 | | |
| 10 | 64QAM | 50 | 0 | 18.67 | 19.01 | 18.90 | 18.83 | 18.67 | | |
| Channel | | | | 39675 | 40148 | 40620 | 41093 | 41565 | Tune-up limit (dBm) | MPR (dB) |
| Frequency (MHz) | | | | 2498.5 | 2545.8 | 2593 | 2640.30 | 2687.5 | | |
| 5 | QPSK | 1 | 0 | 19.01 | 19.18 | 19.21 | 19.11 | 19.15 | 20.2 | 0 |
| 5 | QPSK | 1 | 12 | 18.96 | 19.27 | 19.29 | 19.17 | 19.14 | | |
| 5 | QPSK | 1 | 24 | 19.00 | 19.23 | 19.15 | 19.18 | 19.10 | | |
| 5 | QPSK | 12 | 0 | 19.09 | 19.32 | 19.31 | 19.23 | 19.24 | 20.2 | 0 |
| 5 | QPSK | 12 | 7 | 19.12 | 19.41 | 19.30 | 19.33 | 19.25 | | |
| 5 | QPSK | 12 | 13 | 19.07 | 19.39 | 19.30 | 19.31 | 19.23 | | |
| 5 | QPSK | 25 | 0 | 19.07 | 19.37 | 19.30 | 19.29 | 19.22 | | |
| 5 | 16QAM | 1 | 0 | 18.64 | 18.87 | 18.81 | 18.74 | 18.74 | 20.2 | 0 |
| 5 | 16QAM | 1 | 12 | 18.64 | 18.99 | 18.99 | 18.87 | 18.79 | | |
| 5 | 16QAM | 1 | 24 | 18.65 | 18.99 | 18.85 | 18.89 | 18.82 | | |
| 5 | 16QAM | 12 | 0 | 18.59 | 18.82 | 18.79 | 18.69 | 18.68 | 20.2 | 0 |
| 5 | 16QAM | 12 | 7 | 18.62 | 18.90 | 18.81 | 18.77 | 18.70 | | |
| 5 | 16QAM | 12 | 13 | 18.58 | 18.87 | 18.78 | 18.76 | 18.68 | | |
| 5 | 16QAM | 25 | 0 | 18.63 | 18.91 | 18.86 | 18.80 | 18.75 | | |
| 5 | 64QAM | 1 | 0 | 18.47 | 18.60 | 18.64 | 18.48 | 18.47 | 20.2 | 0 |
| 5 | 64QAM | 1 | 12 | 18.43 | 18.69 | 18.74 | 18.56 | 18.51 | | |
| 5 | 64QAM | 1 | 24 | 18.48 | 18.70 | 18.64 | 18.59 | 18.50 | | |
| 5 | 64QAM | 12 | 0 | 18.65 | 18.85 | 18.86 | 18.75 | 18.73 | 20.2 | 0 |
| 5 | 64QAM | 12 | 7 | 18.68 | 18.97 | 18.90 | 18.83 | 18.77 | | |
| 5 | 64QAM | 12 | 13 | 18.63 | 18.94 | 18.84 | 18.81 | 18.74 | | |
| 5 | 64QAM | 25 | 0 | 18.67 | 18.96 | 18.88 | 18.83 | 18.76 | | |

1. For each antenna, transmit power in SISO operation is larger than (or equal to) the power in MIMO operation, RF exposure compliance of MIMO mode can be deduced from the compliance simultaneous transmission of antennas operating in SISO mode.
2. Per KDB 248227 D01v02r02, the simultaneous SAR provisions in KDB publication 447498 should be applied to determine simultaneous transmission SAR test exclusion for WiFi MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6W/kg and SAR peak to location ratio ≤ 0.04, no additional SAR measurements for MIMO.
3. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
4. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
5. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
6. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures.18 The initial test position procedure is described in the following:
   a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
   b. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
   c. For all positions/configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
7. Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA)
8. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
9. For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
10. When SAR testing for 802.11ax is required
   a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
   b. Otherwise, consider the fully allocated channel for SAR testing
   c. When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 14.70 | 15.00 | 100.00 |
| | | 6 | 2437 | 14.80 | 15.00 | |
| | | 11 | 2462 | 14.80 | 15.00 | |
| | 802.11g 6Mbps | 1 | 2412 | 12.70 | 13.00 | 98.99 |
| | | 6 | 2437 | 14.60 | 15.00 | |
| | | 11 | 2462 | 13.60 | 14.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 12.70 | 13.00 | 99.01 |
| | | 6 | 2437 | 14.80 | 15.00 | |
| | | 11 | 2462 | 13.80 | 14.00 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 13.00 | 13.00 | 98.66 |
| | | 6 | 2437 | 14.30 | 15.00 | |
| | | 11 | 2462 | 13.50 | 14.00 | |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 11.20 | 11.50 | 99.10 |
| | | 40 | 5200 | 11.40 | 11.50 | |
| | | 44 | 5220 | 10.90 | 11.50 | |
| | | 48 | 5240 | 11.30 | 11.50 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 11.30 | 11.50 | 99.11 |
| | | 40 | 5200 | 11.40 | 11.50 | |
| | | 44 | 5220 | 10.90 | 11.50 | |
| | | 48 | 5240 | 11.30 | 11.50 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 11.20 | 11.50 | 98.86 |
| | | 46 | 5230 | 11.30 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 11.20 | 11.50 | 99.38 |
| | | 40 | 5200 | 11.30 | 11.50 | |
| | | 44 | 5220 | 10.80 | 11.50 | |
| | | 48 | 5240 | 11.20 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 11.10 | 11.50 | 98.96 |
| | | 46 | 5230 | 11.20 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 11.20 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 11.50 | 11.50 | 99.10 |
| | | 40 | 5200 | 11.50 | 11.50 | |
| | | 44 | 5220 | 11.10 | 11.50 | |
| | | 48 | 5240 | 11.10 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 11.40 | 11.50 | 98.67 |
| | | 46 | 5230 | 11.10 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 11.20 | 11.50 | 98.80 |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 11.30 | 11.50 | 99.10 |
| | | 56 | 5280 | 11.00 | 11.50 | |
| | | 60 | 5300 | 11.30 | 11.50 | |
| | | 64 | 5320 | 11.40 | 11.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 11.40 | 11.50 | 99.11 |
| | | 56 | 5280 | 11.00 | 11.50 | |
| | | 60 | 5300 | 11.30 | 11.50 | |
| | | 64 | 5320 | 11.50 | 11.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 11.20 | 11.50 | 98.86 |
| | | 62 | 5310 | 11.00 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 11.30 | 11.50 | 99.38 |
| | | 56 | 5280 | 10.90 | 11.50 | |
| | | 60 | 5300 | 11.20 | 11.50 | |
| | | 64 | 5320 | 11.40 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 11.10 | 11.50 | 98.96 |
| | | 62 | 5310 | 10.90 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 10.80 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 11.00 | 11.50 | 99.10 |
| | | 56 | 5280 | 11.20 | 11.50 | |
| | | 60 | 5300 | 11.40 | 11.50 | |
| | | 64 | 5320 | 11.30 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 11.50 | 11.50 | 98.67 |
| | | 62 | 5310 | 11.10 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 11.10 | 11.50 | 98.80 |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 11.10 | 11.50 | 99.10 |
| | | 116 | 5580 | 11.40 | 11.50 | |
| | | 124 | 5620 | 11.20 | 11.50 | |
| | | 132 | 5660 | 11.30 | 11.50 | |
| | | 144 | 5720 | 11.20 | 11.50 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 11.20 | 11.50 | 99.11 |
| | | 116 | 5580 | 11.50 | 11.50 | |
| | | 124 | 5620 | 11.20 | 11.50 | |
| | | 132 | 5660 | 11.30 | 11.50 | |
| | | 144 | 5720 | 11.20 | 11.50 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 11.30 | 11.50 | 98.86 |
| | | 110 | 5550 | 11.00 | 11.50 | |
| | | 126 | 5630 | 11.10 | 11.50 | |
| | | 134 | 5670 | 11.50 | 11.50 | |
| | | 142 | 5710 | 11.00 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 11.10 | 11.50 | 99.38 |
| | | 116 | 5580 | 11.40 | 11.50 | |
| | | 124 | 5620 | 11.10 | 11.50 | |
| | | 132 | 5660 | 11.20 | 11.50 | |
| | | 144 | 5720 | 11.10 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 11.20 | 11.50 | 98.96 |
| | | 110 | 5550 | 10.90 | 11.50 | |
| | | 126 | 5630 | 11.00 | 11.50 | |
| | | 134 | 5670 | 11.40 | 11.50 | |
| | | 142 | 5710 | 10.90 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 11.00 | 11.50 | 98.58 |
| | | 122 | 5610 | 10.70 | 11.50 | |
| | | 138 | 5690 | 11.20 | 11.50 | |
| | 802.11ax-HE20 MCS0 | 100 | 5500 | 11.00 | 11.50 | 99.10 |
| | | 116 | 5580 | 11.40 | 11.50 | |
| | | 124 | 5620 | 11.10 | 11.50 | |
| | | 132 | 5660 | 11.30 | 11.50 | |
| | | 144 | 5720 | 11.20 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 102 | 5510 | 11.40 | 11.50 | 98.67 |
| | | 110 | 5550 | 11.00 | 11.50 | |
| | | 126 | 5630 | 11.00 | 11.50 | |
| | | 134 | 5670 | 11.10 | 11.50 | |
| | | 142 | 5710 | 11.00 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 11.10 | 11.50 | 98.80 |
| | | 122 | 5610 | 11.40 | 11.50 | |
| | | 138 | 5690 | 11.00 | 11.50 | |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 11.20 | 11.50 | 99.10 |
| | | 157 | 5785 | 11.10 | 11.50 | |
| | | 165 | 5825 | 11.40 | 11.50 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 11.20 | 11.50 | 99.11 |
| | | 157 | 5785 | 11.10 | 11.50 | |
| | | 165 | 5825 | 11.40 | 11.50 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 11.20 | 11.50 | 98.86 |
| | | 159 | 5795 | 11.10 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 11.10 | 11.50 | 99.38 |
| | | 157 | 5785 | 11.00 | 11.50 | |
| | | 165 | 5825 | 11.30 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 11.10 | 11.50 | 98.96 |
| | | 159 | 5795 | 11.00 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 11.20 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 149 | 5745 | 11.30 | 11.50 | 99.10 |
| | | 157 | 5785 | 11.20 | 11.50 | |
| | | 165 | 5825 | 11.00 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 151 | 5755 | 11.20 | 11.50 | 98.67 |
| | | 159 | 5795 | 11.00 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 155 | 5775 | 11.00 | 11.50 | 98.80 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 10.80 | 11.00 | 100.00 |
| | | 6 | 2437 | 10.70 | 11.00 | |
| | | 11 | 2462 | 10.70 | 11.00 | |
| | 802.11g 6Mbps | 1 | 2412 | 12.80 | 13.00 | 99.25 |
| | | 6 | 2437 | 13.60 | 14.00 | |
| | | 11 | 2462 | 13.60 | 14.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 12.80 | 13.00 | 99.01 |
| | | 6 | 2437 | 13.80 | 14.00 | |
| | | 11 | 2462 | 13.80 | 14.00 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 13.00 | 13.00 | 99.00 |
| | | 6 | 2437 | 14.00 | 14.00 | |
| | | 11 | 2462 | 13.80 | 14.00 | |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 11.50 | 11.50 | 99.00 |
| | | 40 | 5200 | 11.40 | 11.50 | |
| | | 44 | 5220 | 11.40 | 11.50 | |
| | | 48 | 5240 | 11.50 | 11.50 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 11.40 | 11.50 | 98.72 |
| | | 40 | 5200 | 11.40 | 11.50 | |
| | | 44 | 5220 | 11.40 | 11.50 | |
| | | 48 | 5240 | 11.50 | 11.50 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 11.30 | 11.50 | 99.11 |
| | | 46 | 5230 | 11.10 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 11.50 | 11.50 | 99.07 |
| | | 40 | 5200 | 11.30 | 11.50 | |
| | | 44 | 5220 | 11.30 | 11.50 | |
| | | 48 | 5240 | 11.40 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 11.20 | 11.50 | 98.71 |
| | | 46 | 5230 | 11.00 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 10.90 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 11.40 | 11.50 | 98.70 |
| | | 40 | 5200 | 11.50 | 11.50 | |
| | | 44 | 5220 | 11.30 | 11.50 | |
| | | 48 | 5240 | 11.20 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 11.30 | 11.50 | 98.66 |
| | | 46 | 5230 | 11.50 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 11.00 | 11.50 | 98.26 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 11.40 | 11.50 | 99.00 |
| | | 56 | 5280 | 11.50 | 11.50 | |
| | | 60 | 5300 | 11.40 | 11.50 | |
| | | 64 | 5320 | 11.50 | 11.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 11.00 | 11.50 | 98.72 |
| | | 56 | 5280 | 11.50 | 11.50 | |
| | | 60 | 5300 | 11.40 | 11.50 | |
| | | 64 | 5320 | 11.50 | 11.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 11.30 | 11.50 | 99.11 |
| | | 62 | 5310 | 11.30 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 10.90 | 11.50 | 99.07 |
| | | 56 | 5280 | 11.40 | 11.50 | |
| | | 60 | 5300 | 11.50 | 11.50 | |
| | | 64 | 5320 | 11.40 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 11.20 | 11.50 | 98.71 |
| | | 62 | 5310 | 11.20 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 11.50 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 11.20 | 11.50 | 98.70 |
| | | 56 | 5280 | 11.30 | 11.50 | |
| | | 60 | 5300 | 11.40 | 11.50 | |
| | | 64 | 5320 | 11.20 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 11.40 | 11.50 | 98.66 |
| | | 62 | 5310 | 11.10 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 11.10 | 11.50 | 98.26 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 11.20 | 11.50 | 99.00 |
| | | 116 | 5580 | 11.40 | 11.50 | |
| | | 124 | 5620 | 11.20 | 11.50 | |
| | | 132 | 5660 | 11.30 | 11.50 | |
| | | 144 | 5720 | 11.10 | 11.50 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 11.10 | 11.50 | 98.72 |
| | | 116 | 5580 | 11.40 | 11.50 | |
| | | 124 | 5620 | 11.20 | 11.50 | |
| | | 132 | 5660 | 11.30 | 11.50 | |
| | | 144 | 5720 | 11.00 | 11.50 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 11.50 | 11.50 | 99.11 |
| | | 110 | 5550 | 11.00 | 11.50 | |
| | | 126 | 5630 | 11.50 | 11.50 | |
| | | 134 | 5670 | 11.30 | 11.50 | |
| | | 142 | 5710 | 10.90 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 11.00 | 11.50 | 99.07 |
| | | 116 | 5580 | 11.30 | 11.50 | |
| | | 124 | 5620 | 11.10 | 11.50 | |
| | | 132 | 5660 | 11.20 | 11.50 | |
| | | 144 | 5720 | 10.90 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 11.40 | 11.50 | 98.71 |
| | | 110 | 5550 | 10.90 | 11.50 | |
| | | 126 | 5630 | 11.40 | 11.50 | |
| | | 134 | 5670 | 11.20 | 11.50 | |
| | | 142 | 5710 | 10.80 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 11.30 | 11.50 | 98.58 |
| | | 122 | 5610 | 11.30 | 11.50 | |
| | | 138 | 5690 | 11.10 | 11.50 | |
| | 802.11ax-HE20 MCS0 | 100 | 5500 | 11.30 | 11.50 | 98.70 |
| | | 116 | 5580 | 11.10 | 11.50 | |
| | | 124 | 5620 | 11.20 | 11.50 | |
| | | 132 | 5660 | 11.20 | 11.50 | |
| | | 144 | 5720 | 11.20 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 102 | 5510 | 11.40 | 11.50 | 98.66 |
| | | 110 | 5550 | 11.00 | 11.50 | |
| | | 126 | 5630 | 11.10 | 11.50 | |
| | | 134 | 5670 | 11.40 | 11.50 | |
| | | 142 | 5710 | 11.10 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 11.40 | 11.50 | 98.26 |
| | | 122 | 5610 | 11.40 | 11.50 | |
| | | 138 | 5690 | 11.10 | 11.50 | |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 11.30 | 11.50 | 99.00 |
| | | 157 | 5785 | 11.40 | 11.50 | |
| | | 165 | 5825 | 11.40 | 11.50 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 11.30 | 11.50 | 98.72 |
| | | 157 | 5785 | 11.40 | 11.50 | |
| | | 165 | 5825 | 11.40 | 11.50 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 11.30 | 11.50 | 99.11 |
| | | 159 | 5795 | 11.40 | 11.50 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 11.20 | 11.50 | 99.07 |
| | | 157 | 5785 | 11.30 | 11.50 | |
| | | 165 | 5825 | 11.30 | 11.50 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 11.50 | 11.50 | 98.71 |
| | | 159 | 5795 | 11.30 | 11.50 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 11.20 | 11.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 149 | 5745 | 11.30 | 11.50 | 99.10 |
| | | 157 | 5785 | 11.20 | 11.50 | |
| | | 165 | 5825 | 11.00 | 11.50 | |
| | 802.11ax-HE40 MCS0 | 151 | 5755 | 11.20 | 11.50 | 98.67 |
| | | 159 | 5795 | 11.00 | 11.50 | |
| | 802.11ax-HE80 MCS0 | 155 | 5775 | 11.00 | 11.50 | 98.80 |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 12.70 | 13.00 | 100.00 |
| | | 6 | 2437 | 12.70 | 13.00 | |
| | | 11 | 2462 | 12.70 | 13.00 | |
| | 802.11g 6Mbps | 1 | 2412 | 12.70 | 13.00 | 98.99 |
| | | 6 | 2437 | 12.60 | 13.00 | |
| | | 11 | 2462 | 12.70 | 13.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 12.70 | 13.00 | 99.01 |
| | | 6 | 2437 | 12.60 | 13.00 | |
| | | 11 | 2462 | 12.60 | 13.00 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 12.70 | 13.00 | 98.66 |
| | | 6 | 2437 | 12.60 | 13.00 | |
| | | 11 | 2462 | 12.80 | 13.00 | |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 9.30 | 9.50 | 99.10 |
| | | 40 | 5200 | 9.30 | 9.50 | |
| | | 44 | 5220 | 9.20 | 9.50 | |
| | | 48 | 5240 | 9.10 | 9.50 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 9.20 | 9.50 | 99.11 |
| | | 40 | 5200 | 9.30 | 9.50 | |
| | | 44 | 5220 | 9.20 | 9.50 | |
| | | 48 | 5240 | 9.10 | 9.50 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 9.20 | 9.50 | 98.86 |
| | | 46 | 5230 | 9.20 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 9.10 | 9.50 | 99.38 |
| | | 40 | 5200 | 9.20 | 9.50 | |
| | | 44 | 5220 | 9.10 | 9.50 | |
| | | 48 | 5240 | 9.00 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 9.10 | 9.50 | 98.96 |
| | | 46 | 5230 | 9.10 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 9.30 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 9.10 | 9.50 | 99.10 |
| | | 40 | 5200 | 9.10 | 9.50 | |
| | | 44 | 5220 | 9.10 | 9.50 | |
| | | 48 | 5240 | 9.20 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 9.30 | 9.50 | 98.67 |
| | | 46 | 5230 | 9.20 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 9.30 | 9.50 | 98.80 |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 9.30 | 9.50 | 99.10 |
| | | 56 | 5280 | 9.30 | 9.50 | |
| | | 60 | 5300 | 9.20 | 9.50 | |
| | | 64 | 5320 | 9.10 | 9.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 9.20 | 9.50 | 99.11 |
| | | 56 | 5280 | 9.30 | 9.50 | |
| | | 60 | 5300 | 9.30 | 9.50 | |
| | | 64 | 5320 | 9.30 | 9.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 9.30 | 9.50 | 98.86 |
| | | 62 | 5310 | 9.30 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 9.10 | 9.50 | 99.38 |
| | | 56 | 5280 | 9.20 | 9.50 | |
| | | 60 | 5300 | 9.20 | 9.50 | |
| | | 64 | 5320 | 9.20 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 9.20 | 9.50 | 98.96 |
| | | 62 | 5310 | 9.20 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 9.30 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 9.30 | 9.50 | 99.10 |
| | | 56 | 5280 | 9.30 | 9.50 | |
| | | 60 | 5300 | 9.10 | 9.50 | |
| | | 64 | 5320 | 9.10 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 9.30 | 9.50 | 98.67 |
| | | 62 | 5310 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 9.20 | 9.50 | 98.80 |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 9.20 | 9.50 | 99.10 |
| | | 116 | 5580 | 9.20 | 9.50 | |
| | | 124 | 5620 | 9.10 | 9.50 | |
| | | 132 | 5660 | 9.30 | 9.50 | |
| | | 144 | 5720 | 9.30 | 9.50 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 9.20 | 9.50 | 99.11 |
| | | 116 | 5580 | 9.20 | 9.50 | |
| | | 124 | 5620 | 9.20 | 9.50 | |
| | | 132 | 5660 | 9.30 | 9.50 | |
| | | 144 | 5720 | 9.30 | 9.50 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 9.20 | 9.50 | 98.86 |
| | | 110 | 5550 | 9.30 | 9.50 | |
| | | 126 | 5630 | 9.30 | 9.50 | |
| | | 134 | 5670 | 9.30 | 9.50 | |
| | | 142 | 5710 | 9.20 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 9.10 | 9.50 | 99.38 |
| | | 116 | 5580 | 9.10 | 9.50 | |
| | | 124 | 5620 | 9.10 | 9.50 | |
| | | 132 | 5660 | 9.20 | 9.50 | |
| | | 144 | 5720 | 9.20 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 9.10 | 9.50 | 98.96 |
| | | 110 | 5550 | 9.20 | 9.50 | |
| | | 126 | 5630 | 9.20 | 9.50 | |
| | | 134 | 5670 | 9.20 | 9.50 | |
| | | 142 | 5710 | 9.10 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 9.30 | 9.50 | 98.58 |
| | | 122 | 5610 | 9.20 | 9.50 | |
| | | 138 | 5690 | 9.30 | 9.50 | |
| | 802.11ax-HE20 MCS0 | 100 | 5500 | 9.10 | 9.50 | 99.10 |
| | | 116 | 5580 | 9.10 | 9.50 | |
| | | 124 | 5620 | 9.20 | 9.50 | |
| | | 132 | 5660 | 9.30 | 9.50 | |
| | | 144 | 5720 | 9.30 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 102 | 5510 | 9.20 | 9.50 | 98.67 |
| | | 110 | 5550 | 9.20 | 9.50 | |
| | | 126 | 5630 | 9.30 | 9.50 | |
| | | 134 | 5670 | 9.30 | 9.50 | |
| | | 142 | 5710 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 9.20 | 9.50 | 98.80 |
| | | 122 | 5610 | 9.10 | 9.50 | |
| | | 138 | 5690 | 9.00 | 9.50 | |

| Chain 0 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 9.30 | 9.50 | 99.10 |
| | | 157 | 5785 | 9.30 | 9.50 | |
| | | 165 | 5825 | 9.20 | 9.50 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 9.30 | 9.50 | 99.11 |
| | | 157 | 5785 | 9.30 | 9.50 | |
| | | 165 | 5825 | 9.20 | 9.50 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 9.20 | 9.50 | 98.86 |
| | | 159 | 5795 | 9.30 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 9.20 | 9.50 | 99.38 |
| | | 157 | 5785 | 9.20 | 9.50 | |
| | | 165 | 5825 | 9.10 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 9.10 | 9.50 | 98.96 |
| | | 159 | 5795 | 9.20 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 9.20 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 149 | 5745 | 9.10 | 9.50 | 99.10 |
| | | 157 | 5785 | 9.10 | 9.50 | |
| | | 165 | 5825 | 9.20 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 151 | 5755 | 9.30 | 9.50 | 98.67 |
| | | 159 | 5795 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 155 | 5775 | 9.10 | 9.50 | 98.80 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 2.4GHz WLAN | 802.11b 1Mbps | 1 | 2412 | 10.80 | 11.00 | 100.00 |
| | | 6 | 2437 | 10.70 | 11.00 | |
| | | 11 | 2462 | 10.70 | 11.00 | |
| | 802.11g 6Mbps | 1 | 2412 | 11.60 | 12.00 | 99.25 |
| | | 6 | 2437 | 11.60 | 12.00 | |
| | | 11 | 2462 | 11.70 | 12.00 | |
| | 802.11n-HT20 MCS0 | 1 | 2412 | 11.80 | 12.00 | 99.01 |
| | | 6 | 2437 | 11.80 | 12.00 | |
| | | 11 | 2462 | 11.60 | 12.00 | |
| | 802.11ax-HE20 MCS0 | 1 | 2412 | 11.70 | 12.00 | 99.00 |
| | | 6 | 2437 | 11.60 | 12.00 | |
| | | 11 | 2462 | 11.70 | 12.00 | |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.2GHz WLAN | 802.11a 6Mbps | 36 | 5180 | 9.30 | 9.50 | 99.00 |
| | | 40 | 5200 | 9.30 | 9.50 | |
| | | 44 | 5220 | 9.20 | 9.50 | |
| | | 48 | 5240 | 9.30 | 9.50 | |
| | 802.11n-HT20 MCS0 | 36 | 5180 | 9.10 | 9.50 | 98.72 |
| | | 40 | 5200 | 9.30 | 9.50 | |
| | | 44 | 5220 | 9.10 | 9.50 | |
| | | 48 | 5240 | 9.30 | 9.50 | |
| | 802.11n-HT40 MCS0 | 38 | 5190 | 9.20 | 9.50 | 99.11 |
| | | 46 | 5230 | 9.20 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 36 | 5180 | 9.00 | 9.50 | 99.07 |
| | | 40 | 5200 | 9.20 | 9.50 | |
| | | 44 | 5220 | 9.00 | 9.50 | |
| | | 48 | 5240 | 9.20 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 38 | 5190 | 9.10 | 9.50 | 98.71 |
| | | 46 | 5230 | 9.10 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 42 | 5210 | 9.30 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 36 | 5180 | 9.30 | 9.50 | 98.70 |
| | | 40 | 5200 | 9.30 | 9.50 | |
| | | 44 | 5220 | 9.10 | 9.50 | |
| | | 48 | 5240 | 9.10 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 38 | 5190 | 9.20 | 9.50 | 98.66 |
| | | 46 | 5230 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 42 | 5210 | 9.10 | 9.50 | 98.26 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.3GHz WLAN | 802.11a 6Mbps | 52 | 5260 | 9.30 | 9.50 | 99.00 |
| | | 56 | 5280 | 9.30 | 9.50 | |
| | | 60 | 5300 | 9.10 | 9.50 | |
| | | 64 | 5320 | 9.30 | 9.50 | |
| | 802.11n-HT20 MCS0 | 52 | 5260 | 9.30 | 9.50 | 98.72 |
| | | 56 | 5280 | 9.30 | 9.50 | |
| | | 60 | 5300 | 9.30 | 9.50 | |
| | | 64 | 5320 | 9.30 | 9.50 | |
| | 802.11n-HT40 MCS0 | 54 | 5270 | 9.20 | 9.50 | 99.11 |
| | | 62 | 5310 | 9.20 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 52 | 5260 | 9.20 | 9.50 | 99.07 |
| | | 56 | 5280 | 9.20 | 9.50 | |
| | | 60 | 5300 | 9.20 | 9.50 | |
| | | 64 | 5320 | 9.20 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 54 | 5270 | 9.10 | 9.50 | 98.71 |
| | | 62 | 5310 | 9.10 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 58 | 5290 | 9.50 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 52 | 5260 | 9.10 | 9.50 | 98.70 |
| | | 56 | 5280 | 9.10 | 9.50 | |
| | | 60 | 5300 | 9.30 | 9.50 | |
| | | 64 | 5320 | 9.10 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 54 | 5270 | 9.20 | 9.50 | 98.66 |
| | | 62 | 5310 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 58 | 5290 | 9.30 | 9.50 | 98.26 |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.5GHz WLAN | 802.11a 6Mbps | 100 | 5500 | 9.10 | 9.50 | 99.00 |
| | | 116 | 5580 | 9.30 | 9.50 | |
| | | 124 | 5620 | 9.10 | 9.50 | |
| | | 132 | 5660 | 9.20 | 9.50 | |
| | | 144 | 5720 | 9.30 | 9.50 | |
| | 802.11n-HT20 MCS0 | 100 | 5500 | 9.10 | 9.50 | 98.72 |
| | | 116 | 5580 | 9.30 | 9.50 | |
| | | 124 | 5620 | 9.10 | 9.50 | |
| | | 132 | 5660 | 9.20 | 9.50 | |
| | | 144 | 5720 | 9.30 | 9.50 | |
| | 802.11n-HT40 MCS0 | 102 | 5510 | 9.20 | 9.50 | 99.11 |
| | | 110 | 5550 | 9.30 | 9.50 | |
| | | 126 | 5630 | 9.30 | 9.50 | |
| | | 134 | 5670 | 9.10 | 9.50 | |
| | | 142 | 5710 | 9.20 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 100 | 5500 | 9.00 | 9.50 | 99.07 |
| | | 116 | 5580 | 9.20 | 9.50 | |
| | | 124 | 5620 | 9.00 | 9.50 | |
| | | 132 | 5660 | 9.10 | 9.50 | |
| | | 144 | 5720 | 9.20 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 102 | 5510 | 9.10 | 9.50 | 98.71 |
| | | 110 | 5550 | 9.20 | 9.50 | |
| | | 126 | 5630 | 9.20 | 9.50 | |
| | | 134 | 5670 | 9.00 | 9.50 | |
| | | 142 | 5710 | 9.10 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 106 | 5530 | 9.30 | 9.50 | 98.58 |
| | | 122 | 5610 | 9.30 | 9.50 | |
| | | 138 | 5690 | 9.20 | 9.50 | |
| | 802.11ax-HE20 MCS0 | 100 | 5500 | 9.10 | 9.50 | 98.70 |
| | | 116 | 5580 | 9.10 | 9.50 | |
| | | 124 | 5620 | 9.10 | 9.50 | |
| | | 132 | 5660 | 9.30 | 9.50 | |
| | | 144 | 5720 | 9.10 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 102 | 5510 | 9.10 | 9.50 | 98.66 |
| | | 110 | 5550 | 9.10 | 9.50 | |
| | | 126 | 5630 | 9.30 | 9.50 | |
| | | 134 | 5670 | 9.30 | 9.50 | |
| | | 142 | 5710 | 9.10 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 106 | 5530 | 9.20 | 9.50 | 98.26 |
| | | 122 | 5610 | 9.30 | 9.50 | |
| | | 138 | 5690 | 9.30 | 9.50 | |

| Chain 1 | | | | | | |
|---|---|---|---|---|---|---|
| | Mode | Channel | Frequency (MHz) | Average power (dBm) | Tune-Up Limit | Duty Cycle % |
| 5.8GHz WLAN | 802.11a 6Mbps | 149 | 5745 | 9.20 | 9.50 | 99.00 |
| | | 157 | 5785 | 9.20 | 9.50 | |
| | | 165 | 5825 | 9.10 | 9.50 | |
| | 802.11n-HT20 MCS0 | 149 | 5745 | 9.30 | 9.50 | 98.72 |
| | | 157 | 5785 | 9.10 | 9.50 | |
| | | 165 | 5825 | 9.10 | 9.50 | |
| | 802.11n-HT40 MCS0 | 151 | 5755 | 9.20 | 9.50 | 99.11 |
| | | 159 | 5795 | 9.30 | 9.50 | |
| | 802.11ac-VHT20 MCS0 | 149 | 5745 | 9.20 | 9.50 | 99.07 |
| | | 157 | 5785 | 9.00 | 9.50 | |
| | | 165 | 5825 | 9.00 | 9.50 | |
| | 802.11ac-VHT40 MCS0 | 151 | 5755 | 9.10 | 9.50 | 98.71 |
| | | 159 | 5795 | 9.20 | 9.50 | |
| | 802.11ac-VHT80 MCS0 | 155 | 5775 | 9.30 | 9.50 | 98.58 |
| | 802.11ax-HE20 MCS0 | 149 | 5745 | 9.30 | 9.50 | 99.10 |
| | | 157 | 5785 | 9.10 | 9.50 | |
| | | 165 | 5825 | 9.10 | 9.50 | |
| | 802.11ax-HE40 MCS0 | 151 | 5755 | 9.10 | 9.50 | 98.67 |
| | | 159 | 5795 | 9.30 | 9.50 | |
| | 802.11ax-HE80 MCS0 | 155 | 5775 | 9.30 | 9.50 | 98.80 |

**General Note:**

1. For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.83% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.

| Mode | Channel | Frequency (MHz) | Average power (dBm) | | |
|---|---|---|---|---|---|
| | | | 1Mbps | 2Mbps | 3Mbps |
| BR / EDR | CH 00 | 2402 | 13.57 | 12.36 | 12.29 |
| | CH 39 | 2441 | 13.91 | 12.64 | 12.75 |
| | CH 78 | 2480 | 13.33 | 12.16 | 12.08 |
| Tune-up Limit | | | 14.00 | 12.40 | 12.40 |

| Mode | Channel | Frequency (MHz) | Average power (dBm) | |
|---|---|---|---|---|
| | | | 1Mbps | 2Mbps |
| LE | CH 00 | 2402 | 9.30 | 9.40 |
| | CH 19 | 2440 | 9.60 | 9.70 |
| | CH 39 | 2480 | 9.10 | 9.20 |
| Tune-up Limit | | | 9.80 | 9.80 |

**BT Duty cycle**